

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ☐ ELECTRIC ☐ FILE ☒ WATER SANDS ☐ LOCATION ☐ SPECTED ☐ SUB. REPORT/abd.

2-13-78 - Notice of Intention to Plug & Abandon
 *970902 Apprv Re-intny eff. 8/26/97: 2000 0209 Well NM FR UTE TRIBAL D-1,
 eff 8/26/97!

DATE FILED 1-22-71 *12.23.96

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

INDIAN 14-20-462-1

DRILLING APPROVED:

1-22-71 *8.26.97

SPUDDED IN:

2.9.71 *9.24.97

COMPLETED: 5-29.71

PUT TO PRODUCING:

5-29-71

INITIAL PRODUCTION:

1212 bopd, 2857 MCF/D

O. 225,869

GRAVITY A.P.I.

43.2°

G. 480,793

GOR:

2134:1

W. 100,794

PRODUCING ZONES:

8569-9420

TOTAL DEPTH:

10,630'

WELL ELEVATION:

5893' KB

DATE ABANDONED:

P&A 6-25-78

FIELD:

Wildcat, Altamont

UNIT:

COUNTY:

Duchesne

WELL NO.

UTE TRIBAL D-1

UTE 1-14 C6

API NO. 43-013-30056

LOCATION

1939

FT. FROM (N) (S) LINE,

2115

FT. FROM (E) (W) LINE.

NW SW NE

¼-¼ SEC.

14

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR:

11-1-78 Letter signed by [unclear] [unclear]
"Confidential" relation.
2-13-78 - Notice of Intention to Plug &
Abandon

FILE NUMBERS

Entered in NID File
Location Map Pinned
Card Indexed
.....

Checked by Chief *[Signature]*
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CLog..... Others.....

ADW
4-30-92

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. 14-20-462-1136	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe	
2. NAME OF OPERATOR TEXACO Inc. - Producing Dept. - U. S. (West)			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 810, Farmington, New Mexico 87401			8. FARM OR LEASE NAME Ute Tribe	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 3341' f/So. & 2115' f/E. Lines <i>NWSWNE</i> At proposed prod. zone <i>SAME 1939' FNL & 2115' FEL</i>			9. WELL NO. D-1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1939'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Uinta Meridian 14-T3S-R6W	
16. NO. OF ACRES IN LEASE 640			12. COUNTY OR PARISH Duchesne	
17. NO. OF ACRES ASSIGNED TO THIS WELL 640 ✓			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Wildcat 10,500' ✓			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5878 Gr. (Ungraded) <i>WASATCH</i>			22. APPROX. DATE WORK WILL START* 1-29-71 ✓	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	54.5	800'	Circ to surface
9"	7"	23,26,29#	10,5000	600' above pros. zone.

Well will be drilled in workman like manner to a total maximum depth of 10,600'. Straight hole surveys will be taken, cores and drill stem tests will be performed in any prospective zones and samples will be taken at 30 foot intervals to 4000' and 10' intervals to total depth.

*3/4 mile east of
Cairo 140-1
Nowhere, fits spacing pattern*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *[Signature]* TITLE Dist. Superintendent DATE 1-19-71

(This space for Federal or State office use)

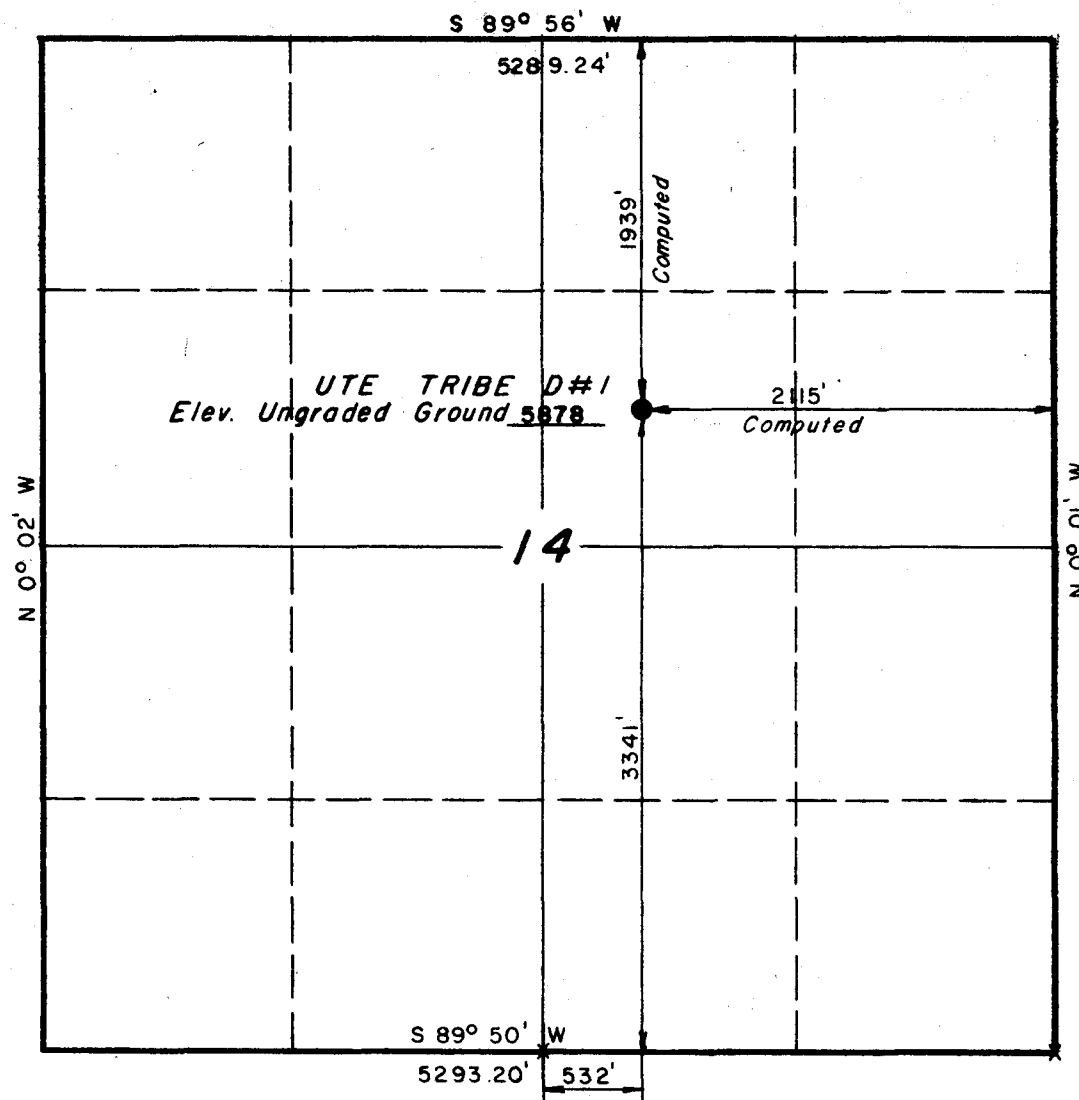
PERMIT NO. 43-043-30056 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

USGS(3)OGCC(2)Midwest Oil Corp.-HHB-EHM-GLE
SLC SLC DENVER

*See Instructions On Reverse Side

T3S, R6W, U.S.B.&M.



X = Corners located (Bearing Trees)

PROJECT

TEXACO INCORPORATED

Well location, *UTE TRIBE D#1*,
located as shown in the SW 1/4
NE 1/4 Sec. 14, T3S, R6W,
U.S.B.&M. Duchesne County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 8 JAN. 1971
PARTY G.S. L.D.T. W.R.	REFERENCES GLO. Plats
WEATHER Cold	FILE TEXACO INC.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Texaco Inc.-Producing Dept.- U. S. (West)

3. ADDRESS OF OPERATOR

Box 810, Farmington, N. M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

3341' f/So. & 2115' f/E. Lines

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe

9. WELL NO.

D-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.

Uinta Meridian
14-T3S-R6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1939'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

Wildcat

19. PROPOSED DEPTH

10,500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5878 Gr (Ungraded)

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	54.5	800'	Circ to surface
9"	7"	23,26,29#	10500	600' above pros. zone

To supplement our "Application for Permit to Drill" dated
1-19-71. Please consider all data with regard to drilling
of this well as "Confidential".

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Dist. Supt.

DATE

1/20/71

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS(3)OGCC(2)Midwest Oil Corp.-HNB-EHM-GLE
SLC SLC Denver

*See Instructions On Reverse Side

January 22, 1971

Texaco Inc.
Box 810
Farmington, New Mexico 87401

Re: Well No. Ute Tribal D-1
Sec. 14, T. 3 S, R. 6 W,
Duchesne County, Utah
API No. 43-013-30056

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP DATE*
(Other instructions on re-
verse side)

6.33 (W)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe

9. WELL NO.

D-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M. OR BLK. AND
SURVEY OR AREA

Uinta Meridian

14-T3S-R6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER **Wildcat**
2. NAME OF OPERATOR
Texaco Inc. - Prod. Dept. U. S. (West)
3. ADDRESS OF OPERATOR
Box 810, Farmington, N. M. 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

3341' f/So & 2115' f/R Lines

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5878 Ungraded Ground

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data:

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Ran 603' (16 jt) of 13-3/8" O.D. 54.5# K-55 Casing & set @ 600' KB
w/600 sacks class G cement & 2% CC. Good cement to surface.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Dist. Superintendent

DATE

2/19/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3)OGCC(2)Midwest Oil Corp-Mountain Fuel Sup-HHB-EHM-GLR

SLC SLC

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe

9. WELL NO.

D-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Uinta Meridan

14-T3S-R6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

2. NAME OF OPERATOR

Texaco Inc. - Producing Dept. U. S. (West)

3. ADDRESS OF OPERATOR

Box 810, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

3341' f/So. & 2115' f/E. Lines

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5878 Gr. Ungraded

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Application for Permit to Drill indicated csg. program as 800' 13-3/8" 54.5# & 10,500 ft. 7" 23, 26 & 29. Program has been changed as follows: 600' 13-3/8" 54.5#, 9-5/8" 40 & 43.5# N-80 & S-95 to 8000' w/cx to 7000 ft. 7" 26, 29 & 32# N-80 from 7000' to 10,500' w/cement to 600' above pay.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. L. Eaton

TITLE Dist. Superintendent

DATE 2/24/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3)OGOC(2)Midwest Oil-Mtn Fuel Supply-HHB-EHM-GLE

Confidential

INDUSTRIAL COMMISSION OF UTAH
RIG SAFETY INSPECTION

Name of Company TEXACO INC. Date February 24, 1971

Name of Drilling Contractor Loffland Brother's Drilling Company

Well Name and Number Ute Tribal D-1 Rig No. 124 Field Cedar Rim Ext.

Section 14 Township 3 South Range 6 West USM

County Duchesne Driller Tony Machado

Number Present 5 Toolpusher Lewis Brown

Any Lost-Time Accidents While on Location? Not over 1 year

Items Causing Lost-Time Accidents that have been corrected, or which need to be corrected: None

Any New Employees in Crew? No Have Instructions Been Given the New Members? Yes

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>
Mud Hose and Safety Chains	<u>X</u>		
Escape Line and Slide	<u>X</u>		
Ladders, Side Rails, Steps	<u>X</u>		
Walk-Around Floor and Railing	<u>X</u>		
Engines Guarded	<u>X</u>		
Rotary Drive Guard	<u>X</u>		
Fire Control Available	<u>X</u>		
General Housekeeping	<u>X</u>		
Hard Hats	<u>X</u>		
First Aid Kit		<u>X(needs to be replenished)</u>	
Blowout Preventer Installed	<u>X*</u>		
Cellar Clean, No Debris	<u>wet</u>		
Cathead	<u>X</u>		
Safety Belts Available	<u>X</u>		
Gen. Condition of Rig, Assoc. Equip. and Tools	<u>X</u>		

Unsafe Practices that might cause a mishap, and recommendations made for a safe method of doing the job. None

Driller's, Toolpusher's, or Drilling Superintendent's Reactions: Very Cooperative

Remarks: Drilling at 2030' Slim Roberts - Texaco Engineer

*had BOP drill - closed hydril in less than 1 minute, worked satisfactorily -
checked every trip also.

DEPUTY INSPECTOR: PAUL W. BURCHELL - Division of Oil & Gas Conservation - State of Utah

file

February 26, 1971

Texaco Inc.
Box 810
Farmington, New Mexico 87401

ATTENTION: G.L. Eaton, District Superintendent

Dear Mr. Eaton:

On February 24, 1971, a safety inspection was made of the Loffland Brothers' rig #124, drilling the Texaco Tribal D-1 well, Section 14, Township 5 South, Range 6 West, USM, Duchesne County, Utah.

The check was made in the presence of Mr. Lewis Brown, toolpusher for Loffland, and as you can observe from the enclosed copy of the inspection, the rig and its' associated equipment was found in excellent shape.

Of particular interest is the fact that Mr. Brown conducted a BOP drill in my presence and I think that the crew should be commended for their reaction to the test. The 5-man crew was disbursed throughout the location doing various jobs and were totally unprepared for the check until the driller, Mr. Tony Machado, pushed the alarm button. Within the next 60 seconds, the entire crew had reached their stations, the kelly had been lifted and the hydril closed. Again, Mr. Brown and his crew should be congratulated for their enthusiasm and safety-mindfulness.

If it could be arranged without too much inconvenience to your company, I would like to have Mr. Carlyle Gronning, Chairman of the State Industrial Commission, and Mr. Gordon Harmston, Executive Director of the Department of Natural Resources, accompany me on a visit to your location and witness such a drill. With so much emphasis being placed on the ecology and environment, I feel it would be well worth the effort for these gentlemen to see how oil companies take precautions to prevent blowouts while conducting drilling operations.

I would appreciate hearing from you on this matter.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:sd

cc: Carlyle Gronning, State Industrial Commission
Gordon Harmston, Department of Natural Resources
U.S. Geological Survey
Bureau of Indian Affairs
Loffland Brothers' Drilling Company



PETROLEUM PRODUCTS

P. O. Box 810
Farmington, New Mexico
87401

March 4, 1971

UTE "D" WELL NO. 1
Safety Inspection

3.70(W)

State of Utah
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Paul W. Burchell, Chief Petroleum Engineer

Gentlemen:

Your letter was appreciated that reported the safety inspection of Loffland Brothers' Rig No. 24, Duchesne County, Utah that is drilling Texaco Ute Tribal "D" Well No. 1. Texaco continuously requires our drilling contractors to maintain a high level of safety-mindfulness and workmanship.

You are welcome to visit our drilling location at any time and to bring Mr. Carlyle Gronning and Mr. Gordon Harmston with you. I suggest that you advise us of your schedule so that Loffland Brothers' toolpusher, Mr. Brown and our Drilling Foreman, Mr. Roberts, will be present to help you with any questions.

Yours very truly,

G. L. Eaton
District Superintendent

GLE-LC

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE MANNER INDICATED*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe

9. WELL NO.

D-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Uinta Meridan

14-T3S-R6W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

Texaco Inc. - Prod. Dept - U. S. (West)

3. ADDRESS OF OPERATOR

Box 810, Farmington, N. M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

3341' FSL & 2115' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5878 Gr.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Ran 65 Jts, 9-5/8" 40# S-95 & 124 Jts 40# N-80 or 7816 ft. set @ 7825 ft
KB cemented w/700 sx 50-50 pozmix, 2% gel & 150 sx neat cement. Good
return.

18. I hereby certify that the foregoing is true and correct

SIGNED

G. L. Eaton

TITLE Dist. Superintendent

DATE 4-5-73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3)OGCC(2)Midwest Oil-Mtn Fuel Supply-HHB-EHM-GLE
SLC SLC

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Ute Tribe D-1
Operator Texaco Inc. Address Farmington, N.M. Box 810 Phone 325-7553
Contractor Loffland Bros. Dlg. Co. Address Tulsa, Box 2847, OKLAHOMA Phone _____
Location SW 1/4 NE 1/4 Sec. 14 T. 3S R. 6W Duchesne, County, Utah
Water Sands: Lower Green River

	<u>Depth</u>	<u>Volume</u>	<u>Quality</u>	
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>7134</u>	<u>- 7136</u>	<u>Not Measured</u>	<u>Salty</u>
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops: ~~Lower~~ Green River 3182'

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

State of Utah (4)

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

July 23, 1971

Mr. G. L. Eaton
Texaco Inc.
P. O. Box 810
Farmington, New Mexico 87401

Re: Well No. D-1, Ute Tribe
SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3-3S-6W, U.S.M.
Duchesne County, Utah
Lease 14-20-462-1136

Dear Mr. Eaton:

On July 12, 1971, this office requested completion reports and logs for the referenced well. We have not yet received them.

This is to advise that if these reports are not received by August 1, 1971, this office will consider issuing an order that all operations on the lease shall cease. This office hesitates to issue such orders but your lack of cooperation in supplying drilling and completion information is leaving us little choice.

Sincerely yours,

Gerald R. Daniels,
District Engineer

cc: BIA, Fort Duchesne
Casper
Utah Div. O&G Cons. ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. 14-20-462-1136	
b. TYPE OF COMPLETION: NEW <input checked="" type="checkbox"/> WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe	
2. NAME OF OPERATOR TEXACO Inc.-Producing Dept.-Rocky Mtns.-U.S.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 810, Farmington, New Mexico 87401				8. FARM OR LEASE NAME Ute Tribe D"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 3341 ft. from So. and 2115' f/E lines At top prod. interval reported below same At total depth same				9. WELL NO. D-1	
15. DATE SPUDDED 2-9-71				10. FIELD AND POOL, OR WILDCAT Wildcat Altamont	
16. DATE T.D. REACHED 5-4-71				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Uinta Meridian	
17. DATE COMPL. (Ready to prod.) 5-29-71				12. COUNTY OR PARISH Duchesne	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5893 RKB				13. STATE Utah	
19. ELEV. CASINGHEAD 15.5 KB to GL					
20. TOTAL DEPTH, MD & TVD 10,630		21. PLUG, BACK T.D., MD & TVD 9800		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY All		ROTARY TOOLS All		CABLE TOOLS --	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* BP @ 9420, Plug in 2 7/8" Tbg.				25. WAS DIRECTIONAL SURVEY MADE yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR Correlation 9800-7700, Induction, Sonic, Density (7796)				27. WAS WELL CORED core slicer	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13 3/8"		54.5 (K)		600'	
9 5/8"		40#		7825'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
7"		7333		10622	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		8680'			
2 7/8"		8736'		8731	
31. PERFORATION RECORD (Interval, size and number) 8786-8854, 8888-8930, 8970-90 9032-75, 9190-9260 w/2 JSPP 9570-9700 2 JSPP (Acid w/10,000 15%)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
See Other Side					
See Other Side					
33.* PRODUCTION					
DATE FIRST PRODUCTION 5-29-71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 6-1-71		HOURS TESTED 24		CHOKE SIZE 36/64	
PROD'N. FOR TEST PERIOD 1212		OIL—BBL. 2857		GAS—MCF. --	
WATER—BBL. --		GAS-OIL RATIO 2134			
FLOW. TUBING PRESS. 625		CASING PRESSURE		CALCULATED 24-HOUR RATE 43.2 @ 60	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Fuel and vented.					
TEST WITNESSED BY					
35. LIST OF ATTACHMENTS None					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED: G. L. EATON SIGNED G.L. Eaton TITLE District Superintendent DATE 7-26-71					

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS(2)OCCC(2)-Midwest Oil Corp.-Mtn. Fuel Sup.-HHB-EHM-OLE

SLC

SLC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DST #1 - 8569-8632 (63 Ft.)			
Open 1/2 hr. SI 1 Hr., wtr cushion & 90' gas weak blow. Incr. fair weak blow thruout. to gauge.			open 1 1/2 hr., SI 3 hr. Rec. 2025' cut mud. 398' oil. Tool open blow on 1st opening. 2nd open Gas to surface in 30 min. Not enough to gauge.
1st IHP 4611, IF 968, FF 968, FSI 4152.			
2nd. IF 1031, FF 1136, FSI 3588, FHP 4590.			

SEE ATTACHMENT

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	3182	

JUL 28 1971

ATTACHMENT

DST #2 - 10,187 - 10,308.

Open 31 min., closed 61 min., open 62 min., closed 121 min. Rec. 2529' wtr. cushion.
30' Dlg. mud. Open w/weak blow for 15 min., slowly got weaker. Reopened second flow
w/no blow.

IHP 6680, IFF 1214 FF 1234

PSI 2499

IFF 1235, FF 1234 FSI 1774 PMP) 6680

Core Analysis- 6351-52-Perm. 16%, Por. 11.2%, Residual Saturation
0.0 oil, 17.0 wtr., shl. brn.,
ufg. w/salty

Water flow @ 7134

Acid 9570-9700 - 9570-9700 w/10000 gal. 15% NE acid w/iron & scale stabilizers & corrosion
inhibitor using ball sealers for staging. EDP 4300 psi, avg. treat press
press 4800 psi, avg. inj., rate 5.3 BPM, Max. press. 5000 psi. ISIP 3200
15 min 2400, Flush w/58 BW. Flowed back 2 hrs. and swabbed 7 hrs. Rec
58 BLW 80 BW, trace oil and gas.

Acid 8780-8854, 8888-10,000 gal. 15% HCL w/iron stabilizer
8930, 8970-8990, scale inhibitor, corrosion inhibitor,
9032-9075, 9190-w/ball sealers for staging
9200

WCR Attachment

October 20, 1971

Texaco Inc.
Box 810
Farmington, New Mexico 87401

ATTENTION: G.L. Eaton, District Superintendent

Re: Well No. Ute Tribe "D" #1
Sec. 14, T. 3 S, R. 6 W, USM
Duchesne County, Utah

Dear Mr. Eaton:

This Division has received numerous requests for completion and production information related to the above referred to well, currently being held on a "confidential" basis.

Please advise if it is still the desire of your company to have this data held from open file until the December 29, 1971 release date.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd



PETROLEUM PRODUCTS

P. O. Box 6216, Cherry Creek Station
Denver, Colorado 80206
November 1, 1971

Mr. Cleon B. Feight
Division of Oil & Gas Conservation
State of Utah
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Reference is made to your letter dated October 20, 1971, to Mr. G. L. Eaton in Farmington, New Mexico.

This is to advise that data on the Texaco #1 Ute Tribe "D", located in Sec. 14, T3S-R6W, is no longer confidential, and may be placed on open file now.

Very truly yours,

C. W. Spencer
District Geologist

rm

130-1150-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "D"

9. WELL NO.

D-1

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Uinta Meridan

14-T33-RGW

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO Inc. - Prod. Dept. - Rocky Mtns. - U.S.

3. ADDRESS OF OPERATOR

Box 810, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

3341 Ft. f/So. & 2115' f/E Lines

14. PERMIT NO.

Utah 43-013-30056

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5893 RKB 15.5' KB to GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Ute Tribe D #1 - (6-26 logging tool & wire line left in hole. Tool 29.5' long, 1 1/16" OD 3/16" steel core line 9200-9300' line).
7-8-71 - killed well w/50 bbl. 10.4# mud. Well went on vacuum. Fished & recovered line & logging tool. 7/12 moved out service unit & pop.
7-17 displaced annulus oil w/10.4# mud. Pumped 50 bbl. mud down 2-7/8" tbg. w/packer. Trip in w/6-1/8 bit & tag fillup @ 9270'. CO to 9420. Recovered 180 RCN ball sealers scattered throughout 9270-9420. Lost est. 50 bbl. mud. Perf. 7900-30, 8030-40, 8570-8612, 8930-54, 9075-9118 w/2 super csg. jet shots per foot. Ran log across perf. interval. Ran Baker RBP, pkr & 2-7/8" tbg. set RBP @ 8640, displaced mud w/34 BW. Set pkr. @ 7851. Acid w/8000 gal. 15% HCL, 64 gal. A-130, 120# L-41 & 24# L-37 down 2-7/8" tbg. & into perfs. @ 7900-30, 8030-40 & 8570-8612. Displaced acid w/100 BW. No breakdown press. noted. Avg. inj. rate 8.5 bpm, avg. inj. press 4200, max. 4800, ISI 2200, 15 min. 1600. Well flowed back 3 hrs. & rec. water, acid water & oil. Killed well w/45 BM. Trip out RBP. Trip in to 7850 w/Baker anchor catcher & National downhole pump assy. on 2-7/8" tbg. Run broach thru tbg. & set anchor w/20,000#. Pulled 15,000# up over wt. of tbg & anchor & would not hold while attempting to set anchor to hole more tension. Tbg. anchor catcher broken. Bottom slips worn off. Top wedge to slips broken. Trip in w/down hole assy. & 2-7/8" tbg. to 6500-07. Trip in w/1500' 2-3/8" tbg., dropped standing valve in 2-7/8".

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Dist. Superintendent

DATE 12-8-71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3)CGEC(2)Midwest Oil Cpr.-Mtn. Fuel Sup. - HNB-EHM-GLE

SLC SLC

December 8, 1971

SUNDRY NOTICES AND REPORTS ON WELLS

String 2-3/8" into hyd. assy. @ 6482. Remove BOP & placed well on prod. Swab 4 hrs. 3000' to 6500'. Connect up hydraulic pump well head assy. Well flowing. IP 24 hrs. 1008 BO, 0 BW, 300 TP, 1100 CP, 32/64 choke 1.250 MMCF gas, 1122 GOR, 84 deg. WIT, Trace BSW, 42 deg. & 60. Worked completed 8-18-71.

4

April 21, 1972

Texaco Inc.
Box 810
Farmington, New Mexico 87401

Re: Ute Tribe "D" No. 1
Sec. 14, T. 3 S, R. 6 W, USM
Duchesne County, Utah

Gentlemen:

Upon checking our records, it is noted that this office has not yet received the Borehole Compensated-Gamma Ray Log, run on the above referred to well.

In order that we may keep our records accurate and complete, it would be appreciated if a copy of said log was forwarded this office at your earliest convenience.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

SCHEREE DEROSE
SUPERVISING STENOGRAPHER

Received

May 8, 1972

Texaco Inc.
Box 810
Farmington, New Mexico

Re: Ute Tribal D-1,
Sec. 14, T. 3 S, R. 6 W,
Ute Tribal E-1,
Sec. 12, T. 3 S, R. 6 W,
Duchesne County, Utah

Gentlemen:

Our files indicate that production of water from the above referred to wells for the month of March, 1972, was in excess of 10,000 barrels. In view of this large volume, and the fact that an additional well will be completed in the near future, it is recommended that your company consider some form of disposal other than the evaporation pits presently being used.

This same problem has been discussed with Mountain Fuel Supply Company and it might be advantageous for each of your companies to enter into some type of agreement for the disposal of this water.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey
Bureau of Indian Affairs



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT-
UNITED STATES
DENVER DIVISION

May 16, 1972

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

UTE TRIBAL D 1
SEC. 14, T3S, R6W
UTE TRIBAL E 1
SEC. 12, T3S, R6W
DUCHESNE COUNTY, UTAH
6.24

State of Utah
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Gentlemen:

This letter acknowledges your letter on above subject wells dated May 8, 1972.

A water disposal system for the produced water was initiated several months ago to handle water from the above wells and any other of Texaco's wells in the area. Our plans are to complete this system in an economical manner as soon as possible. The problem of surface easements has slowed progress on this project considerably but it is being vigorously pursued.

Each of the above wells are being studied for rework to reduce the volume of produced water and not appreciably reduce crude oil capacity. These reworks will be initiated soon.

Yours very truly,

G. L. EATON
District Superintendent

GLE:KSR

cc U.S.G.S.
8416 Federal Building
Salt Lake City, Utah 84111

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☒PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

TEXACO Inc. Producing Department Rocky Mts. U.S.

3. ADDRESS OF OPERATOR

P. O. Box 2100, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

3341' FSL; 2115' FEL; Sec. 14

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

1939'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9360'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

20. ROTARY OR CABLE TOOLS

Service Unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5893' KB

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Previously reported				

TEXACO intends to deepen subject well using the following procedure: Kill well, install BOP, pull production equipment. Run 6-1/8" bit, cleanout fillup and drill out bridge plug at 9420'. Clean out to 9360', pull tubing and bit. Run casing scraper to 9360'. Set CIBP at 9350' w/ 2 sx cement on top. Set model "D" packer at 9285'. Run production string with lokset packer and 1485' stinger, sting into model "D" pkr, and set lokset packer at 7800'. Run 3000' heat string. Perforate DIL log intervals 9314-22', 9370-9400', 9440-56', and 9484-9510' w/1 jet/ft with thru tubing magnetic stand off guns. Swab well in and place on production.

NOTE: Verbal approval received from USGS by Mr. Gerald R. Daniels 10-6-72

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone: If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____

TITLE District Superintendent

DATE October 10, 1972

(This space for Federal or State office use)

PERMIT NO. 43-013-30056

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

CONDITIONS OF APPROVAL, IF ANY:

DATE 10-24-72

*See Instructions On Reverse Side

USGS(3)-OGCC(2)-Midwest Oil Corp.-Mt. Fuel Sup.-HNB-GEE-EHM

and

Jerry Daniels gave
oral approval to
Ed Mack of Tepas's
Wte D-1 14-35-6W - Duck.

to drill out & re-complete
bridge plug at 9420', drill
~~to~~ & clean out 9560',
set plug 9560' - 2 sacks of
cement, set Mool D

9285' 8 pack, set a
lock set packer above
perforations at 8700'. Run
tubing and perforate lower
intervals: ~~9314~~ 9314-9322,
9370-9400, 9440-9456,
9484-9510. 1 jet shot
per foot - no stimulation

This will be followed
by a notice.

Bob Meyers called - will call back
Mankyn called - please return call
before you go home.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP DATE*
(Other instructions on re-
verse side)Form approved
6.33.2(W)
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-462-1136
2. NAME OF OPERATOR TEXACO Inc. Producing Dept. Rocky Mts. U. S.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe
3. ADDRESS OF OPERATOR P. O. Box 2100, Denver, Colorado 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 3341' FSL; 2115' FEL; Sec. 14		8. FARM OR LEASE NAME Ute Tribe "D"
14. PERMIT NO.		9. WELL NO. D-1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5893' RKB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Uanta Meridan
		12. COUNTY OR PARISH 14-T3S-R6W
		13. STATE Duchesne Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Rig up service unit, pulled pump. Killed well with produced water & 10 lb mud w/10% LCM. Pulled 2-3/8" & 2-7/8" tubing strings. Ran 6-1/8" bit and drilled out cement and bridge plug at 9420. Cleaned out to 9572'. Set Baker 7" CIBP at 9550' w/2sx cement on top. Ran and set 7" Model D packer at 9285'. Ran 7" Baker Loc Set packer w/stinger & 2-7/8" tubing. Stung into Model "D" packer & set loc set at 7784'. Tested annulus to 800 psi, packer holding. Landed 2-7/8" tubing w/15,000 tension. Ran 2-3/8" tubing and displaced mud in annulus w/water. Landed 2-3/8" tubing at 3522' and set well head. Perforated thru tbg w/1 JSPF 9484-9510, 9440-56, 9370-9400, & 9314-9322'. Swab well down and acidized perms w/9000 gal inhibited 15% HCL, w/friction reducer, non-emulsifier, and fines suspension additives. Spaced out 70 1.3 specific gravity seal balls. Displaced acid w/100 bbls water. Swabbed well in and placed on production.

18. I hereby certify that the foregoing is true and correct.

SIGNED

TITLE **District Superintendent** DATE **January 8, 1973**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "D"

9. WELL NO.

D-1

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Uinta Meridan

14-T3S-R6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☒ GAS ☐ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

TEXACO Inc. Producing Department Rocky Mts. U.S.

3. ADDRESS OF OPERATOR

P. O. Box 2100, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

3341' FSL; 2115' FEL; Sec. 14

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5893' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Killed well with 12.5# mud. Pulled 2-3/8" tubing heat string. Unseat 7" Baker loc-set packer and pull 2-7/8" tubing. Ran RBP and packer. Set RBP at 8650' w/2 sx sand on top. Set pkr at 8489'. Cement squeezed perfs 8570-8617 with 100 sx LFL cement, reset pkr at 7804' and squeezed perfs 7900-30 and 8030-40 with 150 sx LFL cement, re-squeezed with 150 sx LFL cement. Drilled out cement from 7778 to 8630', washed sand off RBP and pulled RBP. Perf Dil Log measurement with 2 JSPF thru tbg 8695, 8699, 8727, 8743, 8748, 8793, 8839, 8853, 8921, 8927, 9047, 9061, 9073, 9211, 9237, & 9245. Stung seal assy into model D pkr at 9285. Set loc-set pkr at 8606. Set 2-3/8 heat string at 3516'. Run blanking plug on wire line and set in pkr at 9285'. Acidized down 2-7/8 tubing perfs 8786-8854, 8888-8954, 8970-8990, 9032-9118, 9190-9260, 8695, 8699, 8727, 8743, 8748, 8793, 8839, 8853, 8921, 8927, 9047, 9061, 9073, 9211, 9237, 9245 with 15000 gal 15% HCL w/40#/1000 gal WG7 (light gel), 0.1#/gal wide range unbeads w/non emulsifier, scale inhibitor, solids suspending agents. SI for 2 hours, swab well in, test, remove blanking plug and place on production.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE District Superintendent DATE March 3, 1973

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3)-OGCC(2)-Midwest Oil-MFSCO-HHB-EHM-MAK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "D"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 14 T3S-R6W

Uinta Meridian

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO Inc. Attention: G. L. Eaton

3. ADDRESS OF OPERATOR

P. O. Box 2100, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surfaceSW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14 T3S-R6W

1939' FNL & 2115' FEL, Sec. 14

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5878' GR, 5893' KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐Plug back & Recomplete ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco proposes to plug back and recomplete subject well in the Green River formation as follows:

Spot 400' of cement (70 sacks) on top of fish at 8509' and 300' of cement (75 sacks) half in and half out of 7" liner at 7333'. Perforate Green River 5300-5303' with 4 jet shots per foot. Set retainer at 5250' and attempt to circulate to surface.* If unsuccessful, squeeze with 100 sacks LFL cement and perforate 4650-52' with 4 jet shots per foot. Set packer at 4550' and cement squeeze with 100 sacks LFL cement. Clean out to 5230' and pressure test casing. Set packer at 4680' and sqab to 3500'. Perforate following Green River intervals with 2 jet shots per foot: 4730-40, 4752-58, 4788-96, 4842-50, 4874-90, 4958-66, 5036-64, 5078-84, 5168-73, 5178-82, 5187-92. Treat with 4000 gal Dowell Mud & Silt Remover with nonemulsifying agent and 1000 gal Dowell Mud & Silt Remover with 500# TDA acid flakes in two stages. Pump 2000 gal Dowell Mud & Silt Remover. All acid fluids to contain 350 scf N₂/bbl. Displace to perfs, blow back well and put well on production.

*If circulation is obtained conventionally cement with 500 sacks LFL cement.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

District Superintendent

DATE

July 15, 1977

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE:

BY:

USGS (3)
SLCOGCC (2)
SLC

GLE

DLS

RLS

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

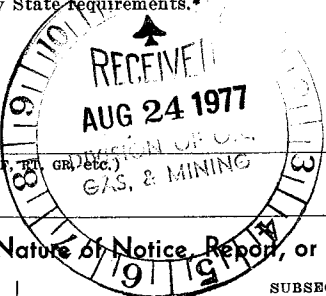
SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-462-1136	
2. NAME OF OPERATOR TEXACO Inc. Producing Department - West U.S.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe	
3. ADDRESS OF OPERATOR P.O. Box 157, Craig, Colorado 81625		7. UNIT AGREEMENT NAME P	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1939' FNL; 2115' FEL; Sec 14		8. FARM OR LEASE NAME Ute Tribe "D"	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether Dr. or Gr. etc.) 5893' KB		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 13-T3S-R6W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Plug Back & recomple	X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco began its workover of subject well on 7-26-77. Ran in hole with 8645' of 2-7/8" tbg and circulated well with fresh water. Spotted 70 sacks neat cement on top of fish at 8509' GL. Pulled up hole to 7489' GL and spotted 75 sacks of neat cement in liner lap at 7333'. Pulled tbgs 540' up hole and circulated hole clean. Tagged cement at 8230' KB. Spotted 75 sacks in liner lat at 7333'. Tagged cement at 7245'. Ran GR correlation log from 5286 - 4580' KB. Perforated 5300 - 5303 with 4 JSPF. Set Baker model K 9-5/8" cement retainer at 5280' KB. Stug into packer with tbgs. Pumped 500 sacks class G cement w/.6% Halid 9 down tbgs. Displaced to bottom of tbgs with 30 1/2 bbls of fresh water. Pulled tbgs out of retainer and reverse circulated tbgs clean. Trip in with Otis 9-5/8" Permalatch retrievable packer with 3" ID, set at 4686' KB. Pressure tested to 1000 psi, held okay. Perforated following intervals with 2 JSPF, 5187-92, 5178-82, 5168-73, 5078-84, 5036-64, 4958-66, 4874-90, 4842-50, 4788-96, 4752-58, 4730-40. Injected 8000 gal Dowell mud and silt remover w/non emulsifying agent and 1500 gal Dowell mud and silt remover w/1500# benzoic acid flakes in 7 stages with 300 CF/bbl N2. Displaced to perfs with 66 bbls fresh water. Well flowed back water. Work completed 8-5-77, No additional surface area damaged. Prod. before WO: 0 BO, 0 BW. Prod. after WO: 0 BO, 1040 BW (13 hrs)

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]* TITLE **Field Foreman** DATE **August 23, 1977**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

TL22-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "D"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., E., M., OR BLK. AND
SURVEY OR AREA

Sec 14-T3S-R6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO Inc., Producing Department - West U.S.

3. ADDRESS OF OPERATOR

P. O. Box 157, Craig, Colorado 81625

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1939' FNL; 2115' FEL; Sec 14

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5893' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOT OR ACIDIZE ☐

ABANDON* ☒

SHOOTING OR ACIDIZING ☐

ABANDONMENT* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco plans to plug and abandon subject well since recent recom-
pletion was non-productive and no other economic possibilities for
recompletion exists. The following procedure will be used: *Load hole w/10#/qd mud*
1. Pump 200 sacks class G cement into Green River perforations.
2. Displace cement below packer (4286') and shut well in, wait on
cement. (4646')
3. Pull tubing and packer.
4. Run free point of 9 5/8" casing.
5. Run four-way shot and shoot off casing at free point.
6. Pull and salvage casing.
7. Spot 50 sacks cement inside and outside of casing stub.
8. Spot 60 sacks cement at bottom of surface casing.
9. Place 20 sack surface plug with regulation dry hole marker.
10. 10# mud will be placed between cement plugs
11. Clean, level and reseed location.

NO ADDITIONAL SURFACE DISTURBANCE FOR THIS ACTIVITY

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE **Field Foreman**

DATE **February 13, 1978**

(This space for Federal or State office use)

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE **APR 04 1978**

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions on Reverse Side

USGS (3) - OGCC (2) - GLE-DLS-RLS

4/4/78
DL Schallie
Crang

Top Port 4730

133/8cc @ 600'

Rec 9 5/8

Port ~~4730~~ 5192
Port ~~5192~~ 4730
Port ~~5192~~ 5192

Sq3 Port
w/ 700 4886
6 in River

PK @ 4686

300' 7245

Top Line 7332 Tag 7245

9 5/8cc @ 7825'

8109 PB Tag Cont @ 8230

8509

Sq3 ~~7400-8940~~
Sq3 8570-8617

Port ~~2900~~ 8040
Sq3 ~~2900~~ 8570-8617
Sq3 Port 8695-9245

Port 8700-9700 (Sel)

th @ 10622

C113P @ 9570' 1/2 sec
CO to 9572'
60 ft

Fish 8509
400' cont on fish
300' cont 1/2-1/2
Line @ 7333

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

32-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "D"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 13-T3S-R6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO Inc., Producing Department - West U.S.

3. ADDRESS OF OPERATOR

P. O. Box 157, Craig, Colorado 81625

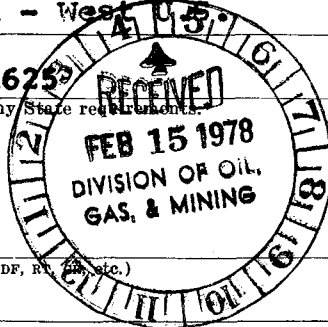
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

1939' FNL; 2115' FEL; Sec 14

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, etc.)

5893' KB



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco plans to plug and abandon subject well since recent recompletion was non-productive and no other economic possibilities for recompletion exists. The following procedure will be used:

1. Pump 200 sacks class G cement into Green River perforations.
2. Displace cement below packer (4886') and shut well in, wait on cement.
3. Pull tubing and packer.
4. Run free point of 9 5/8" casing.
5. Run four-way shot and shoot off casing at free point.
6. Pull and salvage casing.
7. Spot 50 sacks cement inside and outside of casing stub.
8. Spot 60 sacks cement at bottom of surface casing.
9. Place 20 sack surface plug with regulation dry hole marker.
10. 10# mud will be placed between cement plugs
11. Clean, level and reseed location.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Feb 16, 1978

BY: P. L. Marshall

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Field Foreman

DATE February 13, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS (3) - OGCC (2) - GLE-DLS-RLS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

TL-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "D"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 14-T3S-R6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO Inc. Producing Department - West U.S.

3. ADDRESS OF OPERATOR

P.O. Box 157, Craig, Colorado 81625

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1939' FNL; 2115' FEL; Sec 14

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5893' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco began its abandonment of subject well on 6-6-78.
Pumped 80 bbls 200 degree water down tubing to clean and kill well.
Pumped 70 bbls cold water to cool tubing. Pumped 200 sacks Class G cement into perfs. Displaced cement with 28 1/4 bbls 10# 45 VIS mud. Released packer at 4686' KB and pulled. Tagged cement at 4750' KB. Spotted 60 sacks Class G cement at 4680' KB. Tagged cement at 4554' KB. Unable to obtain free point. Shot off 9-5/8 casing at bottom of surface casing at 600'. Pulled 16 jts of 9-5/8 casing. Filled hole with 10# mud. Pumped 100 sack Class G cement plug inside 9-5/8 casing stub and bottom of 13-3/8" surface casing. Set 20 sack Class G surface plug with regulation dry hole marker. Well abandonment completed 6-15-78. Battery equipment presently being dismantled. Subsequent report will be issued when site cleaned and reseeded and ready for inspection.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 5/31/83

BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Field Foreman

DATE 6-20-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS (3)-OGCC (2)-GLE-DLS-RLS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-1741 72-1136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "D"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Cedar Rim

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 14-T3S R6W

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO Inc. Producing Department - West U. S.

3. ADDRESS OF OPERATOR

P.O. Box 157, Craig, Colorado 81625

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

3341' FSL; 2115' FEL; Sec 14

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5893' KB

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☐

ABANDON* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT* ☒

(Other) ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well has previously been abandoned. Well location has now been cleaned, leveled and reseeded per Division of Wildlife recommendation. Location is now ready for inspection.

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 10/9/80
BY: [Signature]

I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Field Foreman

DATE October 9, 1980

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

14-20-H62-3809

6. If Indian, Alottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-14C6

9. API Well No.

43-013-30056

10. Field and Pool, Or Exploratory Area

Cedar Rim

11. County or Parish, State

Duchesne County, UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐

Oil Well

☐

Gas Well

☒

Other

SWD

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1939' FNL & 2115' FEL

SW/NE Section 14-T3S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☐

Other

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☒

Conversion to Injection

☐

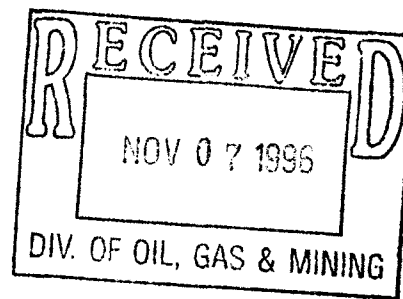
Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Please see the attached procedure to convert to the subject well to a salt water disposal well. Appropriate disposal permits are in the process of being obtained from the EPA and State of Utah.

This well is currently P&A'd.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Environmental & Safety Analyst

Date

11/04/96

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

INSTRUCTION MANUAL

BOWEN LEAD SEAL CEMENTING TYPE CASING PATCH

(PATENTED)

GENERAL DESCRIPTION

The BOWEN LEAD SEAL CEMENTING TYPE CASING PATCH is a tool which is made up to the upper casing string and permanently seals and cements to the lower string of tubing or casing in a single run. It incorporates the proven BOWEN compression type multiple lead seal, combined with a cement valving feature which allows cementing in place immediately after the Patch is set. It eliminates the need for a circulating cementing valve or perforations near the Patch since the Valve is incorporated into the tool. The Patch becomes a permanent part of the well casing.

USE

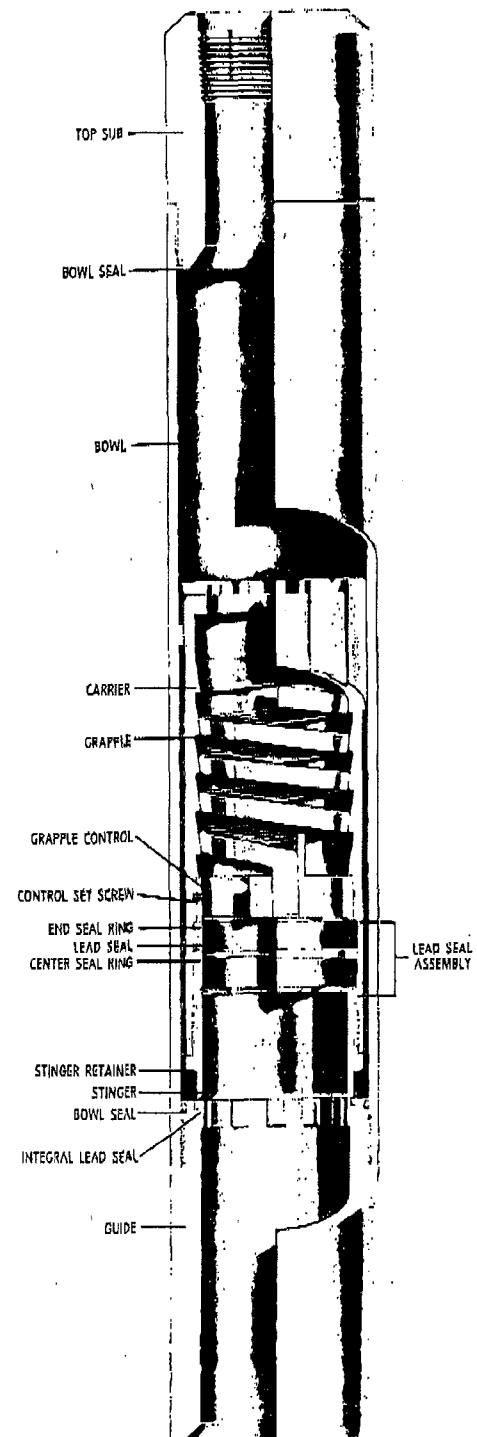
The tool is used for replacing the upper portion of casing that has been previously cemented in place. It is suitable for wells which contain fluids or gases which are harmful to synthetic rubber seals. It is also useful because it combines the sealing and cementing operation, eliminating the time and inconvenience of doing the operation in two separate trips.

CONSTRUCTION

The tool's main parts consist of Top Sub, Bowl, Carrier, Grapple, Grapple Control with set screw, Lead Seal Assembly, Stinger, Stinger Retainer, Integral Lead Seal and Guide. Two Bowl Seals are installed at the threads of the Bowl where the Top Sub and Guide are made up. The Lead Seal Assembly consists of two Lead Seals separated by a Center Seal Ring with an End Seal Ring on each end. The Integral Lead Seal is installed in a groove on the top end of the Guide.

EXPLANATION OF MECHANISM

The casing or tubing which is to be engaged in a lead sealing and cementing operation is referred to as the fish. The Carrier has external grooves for cement flow, a shoulder on the I.D. at the top, and threads at the bottom for the Stinger Retainer which



is installed to retain the Grapple, Grapple Control, Lead Seal Assembly and Stinger. When the fish contacts the Carrier shoulder as the Patch is lowered, it moves up to the Top Sub as the fish is engaged. When the Patch is raised, the Top Sub, Bowl and Guide move up until the Stinger imbeds into the Integral Lead Seal in the Guide. This produces the pressure through the Stinger which collapses the Lead Seal Assembly onto the O.D. of the fish. By lowering the string then, the Stinger will move away from the Integral Lead Seal for circulation. The string is raised and the Stinger to Integral Lead Seal set again before cementing.

OPERATION

Prior to running the Lead Seal Cementing Casing Patch, the hole and the fish should be prepared, for patching operation. This is usually done by use of a suitable washover shoe and washover string. The main twofold purpose is to remove any existing cement, and resize the hole around the upper end of the fish; while simultaneously removing any burrs from the outside of the fish, and resize it as required. In addition to preparing the hole and fish O.D., a suitable bridgeplug or packer is usually set in the fish, near its upper end. This forms a temporary bridge to stop the cement. The bridgeplug or packer may be removed and the casing reamed after completion of patching and cementing operations.

The tool is assembled as outlined below. Check it over. Assemble the tool to the running string, and buck up tight.

CAUTION: Use tongs on Top Sub only; excessive crushing effort on Bowl will distort it, rendering it inoperative. Lower tool in hole until fish depth is reached. As the fish is reached, the running string should be slowly rotated to the right while lowering slowly. This combined lowering and rotational action is important to good operation. This should be continued until the fish contacts the shoulder at the upper end of the Carrier, and pushes it up till it "bottoms" against the Top Sub (Step 1, page 3). This can be determined by watching the weight indicator. Allow 15,000 to 20,000 pounds of weight to be supported by the Patch to assure good and complete engagement.

At this point pick string up to remove weight from Patch, while allowing torque to slack from running string. **CAUTION:** Avoid any backlash.

Set the Lead Seals by elevating the running string (Step 2, page 3). The load required to set the Patch depends on size, and will vary from 10,000 pounds to 100,000 pounds or more. See accompanying setting load column of Calculated Strength Table on page 7.

At this point the Patch may be pressure checked with the mud pumps. Caution should be exercised, however, not to exceed a nominal 500 to 1000 P.S.I. Before applying any appreciable pressure, it is preferable to first reduce the setting load to a nominal 10,000 to 15,000 lb. load, or approximately one-fourth the original setting load, whichever is smaller.

Having set the Lead Seals, and pressure checked them as described, the Casing Patch is again opened to circulation by lowering the running string slowly until all string weight is equalized and approximately 15,000 to 20,000 lb. of weight is resting on the Casing Patch. This will again telescope the Carrier up against the Top Sub, while at the same time pulling the Stinger up off the Integral Lead Seal at the face of the Guide. Circulation through the Casing Patch may then be resumed.

After good circulation is established, the cementing cycle may be made (Step 3, page 3). When sufficient time has elapsed to position the cement column, stop circulation and again establish the seal by elevating the string until a pull load equal to the initial setting load is reached. The slips should be set and the applied load maintained during curing time required for the cement.

After the cement has cured, the excess cement may be drilled out, the plug removed, and the hole conditioned.

NOTES:

1. Care should be exercised during all stages of operation that the formation and Patch not be "slugged" or shock loaded with the mud pumps. This could be harmful to the formation and damaging to the tool.
2. If for any reason during operation it is desired to release and remove the Patch from the fish, proceed as follows: Bump down firmly until the top of the Carrier strikes the Top Sub. This will break the "freeze" between the Grapple and its fish, and also between the outside of the Grapple and the Carrier. After bumping down, slowly elevate the string while simultaneously rotating to the right. Continue this until the Patch is clear of the fish. It is important to elevate and rotate slowly simultaneously.
3. These Patches are designed to withstand pressures equal to the capacity of the running string, in most cases, and greater after cementing. Caution should be exercised, however, never to exceed the actual required pressures to perform necessary functions, until permanently cemented.

SPECIFICATIONS AND REPLACEMENT PARTS-CON'T.

BOWEN LEAD SEAL CEMENTING CASING PATCH (Continued)

O.D. OF CASING	6-5/8	7	7-5/8	8-5/8	9-5/8	10-3/4	11-3/4	13-3/8
O.D. OF PATCH	8-5/8	9-1/8	9-7/8	11-1/8	11-15/16	13-5/8	14-3/4	16-5/8
COMPLETE ASSEMBLY	Part No. ... Weight	40858 285	40859 337	40869 379	41004 507	41085 717	41086 816	41089 956
REPLACEMENT PARTS (Continued)								
TOP SUB	Part No. ... Weight	41140 71	41148 88	41152 98	41158 150	41164 220	41170 195	41175 240
BOWL	Part No. ... Weight	41141 67	41147 82	41153 98	41159 112	41165 187	41171 235	41177 260
GUIDE	Part No. ... Weight	41142 72	41148 75	41154 80	41160 125	41166 165	41172 208	41178 255
GRAPPLE CARRIER	Part No. ... Weight	41143 55	41149 70	41155 78	41161 90	41167 105	41173 130	41179 175
GRAPPLE	Part No. ... Weight	13303 2-5/8	12503 2-3/4	13073 3	13313 4	12478 5-1/8	13323 6-1/2	20858 7-3/4
GRAPPLE CONTROL	Part No. ... Weight	13304 1-3/8	12504 1-1/2	13074 1-7/8	13314 2-1/4	12479 2-5/8	13324 3	20859 3-1/2
END SEAL RING (2 Req'd.)	Part No. ... Weight	13307 9/16	12507 5/8	13077 5/8	13317 3/4	12482 13/16	13327 7/8	20862 15/16
CENTER SEAL RING	Part No. ... Weight	13308 3/4	12508 1	13078 1-3/16	13318 1-1/2	12483 1-5/8	13328 1-3/4	20863 1-7/8
PACKER STINGER	Part No. ... Weight	41144 4	41150 4-1/4	41156 5	41162 8	41168 11	41174 15	41180 19
STINGER RETAINER	Part No. ... Weight	41145 4-1/2	41151 4-3/4	41157 5-1/2	41163 9	41169 10	41175 11	41181 12
CONTROL SET SCREW (2 Req'd.)	Part No. ... Weight	12329 1/16	12329 1/16	12329 1/16	12484 1/16	12484 1/16	12484 1/16	12484 1/16
LEAD SEAL (2 Req'd.)	Part No. ... Weight	13306 3	12506 3-1/2	13076 3-3/4	13316 4-1/8	12481 4-1/2	13326 4-7/8	20861 5-3/8
BOWL SEAL (2 Req'd.)	Part No. ... Weight	30-43 1/50	30-45 1/50	30-48 1/50	27-76 1/25	27-77 1/25	27-82 1/25	27-80 1/25

HOW TO ORDER:

- Specify: (1) Name & Number of Assembly or Part.
(2) Casing O.D.
(3) Size & Type of Thread.

Prices will be quoted on request.

Completely "left hand" tools or tools with left hand threads are available on request.

Seal Assemblies suitable for service from 550°F. to 750°F temperature range are available, where required.

SPECIFICATIONS AND REPLACEMENT PARTS

BOWEN LEAD SEAL CEMENTING CASING PATCH

O.D. OF CASING		2-3/8	2-7/8	3-1/2	4	4-1/2	5	5-3/4	6
O.D. OF PATCH		4-1/8	4-5/8	5-1/4	5-3/4	5-1/2	6-3/4	7-3/4	8
COMPLETE ASSEMBLY	Part No. ... Weight	40514 102	41209 131	41210 143	40596 156	40619 217	40649 224	41109 258	41110 260
REPLACEMENT PARTS									
TOP SUB	Part No. ... Weight	41092 28	41098 35	41104 40	41110 44	41116 58	41122 60	41126 64	41128 66
BOWL	Part No. ... Weight	41093 27	41099 37	41105 39	41111 41	41117 56	41123 57	41127 61	41129 63
GUIDE	Part No. ... Weight	41094 27	41100 34	41105 36	41112 38	41118 50	41124 51	41128 55	41130 57
GRAPPLE CARRIER	Part No. ... Weight	41095 12	41101 17	41107 19	41113 21	41119 40	41125 41	41129 45	41131 47
GRAPPLE	Part No. ... Weight	17261 3/4	16143 1	26528 1-1/4	22403 1-1/2	13273 1-3/4	13283 2	13287 2-1/4	13289 2-1/2
GRAPPLE CONTROL	Part No. ... Weight	17262 3/8	16144 7/16	26529 1/2	22404 5/8	13274 3/4	13284 7/8	13288 1-1/8	13290 1-1/4
END SEAL RING (2 Req'd.)	Part No. ... Weight	17265 1/8	16147 3/16	26532 1/4	22407 5/16	13277 3/8	13287 11/16	13291 1-1/8	13293 1-1/4
CENTER SEAL RING	Part No. ... Weight	17266 1/8	16148 3/16	26533 1/4	22408 5/16	13278 3/8	13288 7/16	13292 1-1/8	13294 1-1/4
PACKER STINGER	Part No. ... Weight	41096 2	41102 2-1/4	41108 2-1/2	41114 2-3/4	41120 3	41126 3	41130 3-1/4	41132 3-1/2
STINGER RETAINER	Part No. ... Weight	41097 2-1/2	41103 2-3/4	41109 3	41115 3-1/4	41121 3-1/2	41127 3-1/2	41131 4	41133 4-1/4
CONTROL SET SCREW (2 Req'd.)	Part No. ... Weight	12329 1/16	12328 1/16	12329 1/16	12328 1/16	12329 1/16	12329 1/16	12330 1/16	12331 1/16
LEAD SEAL (2 Req'd.)	Part No. ... Weight	17264 1	16146 1	26531 1-1/4	22406 1-1/2	13276 1-3/4	13286 2	13290 2-1/4	13292 2-1/2
BOWL SEAL (2 Req'd.)	Part No. ... Weight	30-15 1/50	30-16 1/50	30-24 1/50	30-28 1/50	30-33 1/50	30-36 1/50	30-41 1/50	30-44 1/50

HOW TO ORDER:

- Specify: (1) Name & Number of Assembly or Part.
(2) Casing O.D.
(3) Size & Type of Thread.

Prices will be quoted on request.

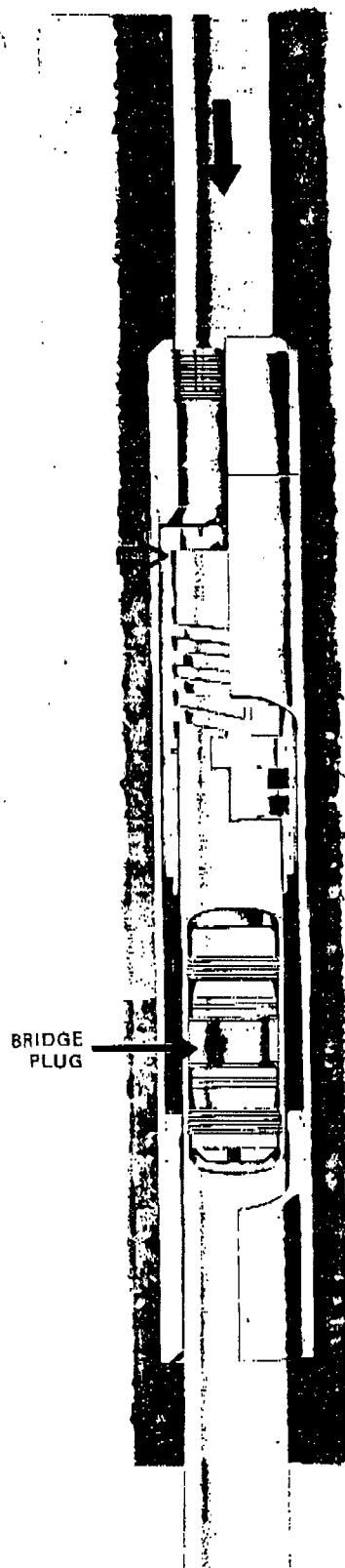
Completely "left hand" tools or tools with left hand threads are available on request.

Seal Assemblies suitable for service from 550°F. to 750°F temperature range are available, where required.

CALCULATED STRENGTH TABLE **LEAD SEAL CEMENTING CASING PATCHES**

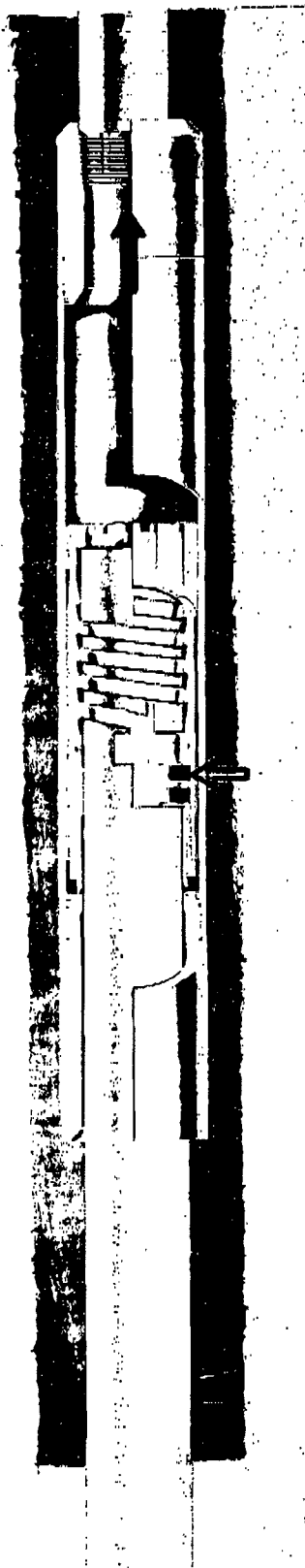
ASSEMBLY NO.	CASING SIZE	PATCH O.D.	LEAD SEAL SETTING LOAD (LBS.)	WORKING LOAD (40% SETTING LOAD) (LBS.)	WELL PRESSURE TO BURST W/SETTING LOAD APPLIED	WELL PRESSURE TO BURST W/WORKING LOAD APPLIED	PULL TO BURST PATCH (NO WELL PRESSURE)
40514	2-3/8	4-1/8	9,141	3,656	12,094	12,691	120,391
41209	2-7/8	4-5/8	10,869	4,347	9,416	9,952	125,396
41210	3-1/2	5-1/4	15,839	6,336	6,673	7,205	135,165
40596	4	5-3/4	17,853	7,141	5,482	5,972	137,795
40619	4-1/2	6-1/2	19,871	7,948	4,418	4,872	135,943
40649	5	6-3/4	21,888	8,755	3,863	4,286	141,840
38179	5-1/2	7-7/16	23,912	9,565	3,033	3,429	133,786
41088	5-3/4	7-3/4	24,916	9,966	2,966	3,350	140,469
40679	6	8	25,929	10,372	2,758	3,130	141,217
40858	6-5/8	8-5/8	30,022	12,009	2,326	2,686	146,662
40859	7	9-1/8	31,620	12,648	2,362	2,707	161,482
40869	7-5/8	9-7/8	34,273	13,709	2,237	2,561	176,429
41004	8-5/8	11-1/8	44,549	17,820	2,202	2,529	224,349
41085	9-5/8	11-15/16	47,195	18,878	1,550	1,841	198,140
41086	10-3/4	13-5/8	52,450	20,980	1,835	2,101	269,178
41089	11-3/4	14-3/4	56,938	22,775	1,656	1,903	285,670
41087	13-3/8	16-5/8	95,652	38,261	1,580	2,550	396,488

STEP 1

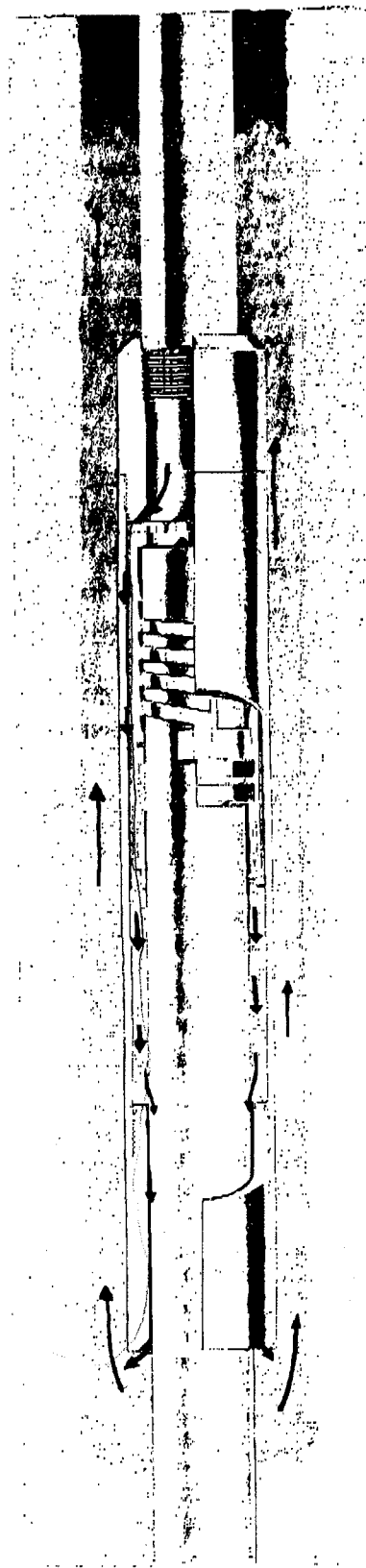


ENGAGE
FISH & BOTTOM

STEP 2



STEP 3



4. Extra long Guides are available on request to run, if more stabilizing length and greater cementing area are desired.
5. Spare parts are not normally required, since the Casing Patch becomes a permanent part of the well casing. Seals may be damaged in some cases, due to misrun or damage from a ragged fish, or change of plan after having been set. It is therefore recommended that one or two sets of Lead Seals be ordered extra, when the Casing Patch is to be used in remote locations.

ASSEMBLY

Refer to illustration on page 5.

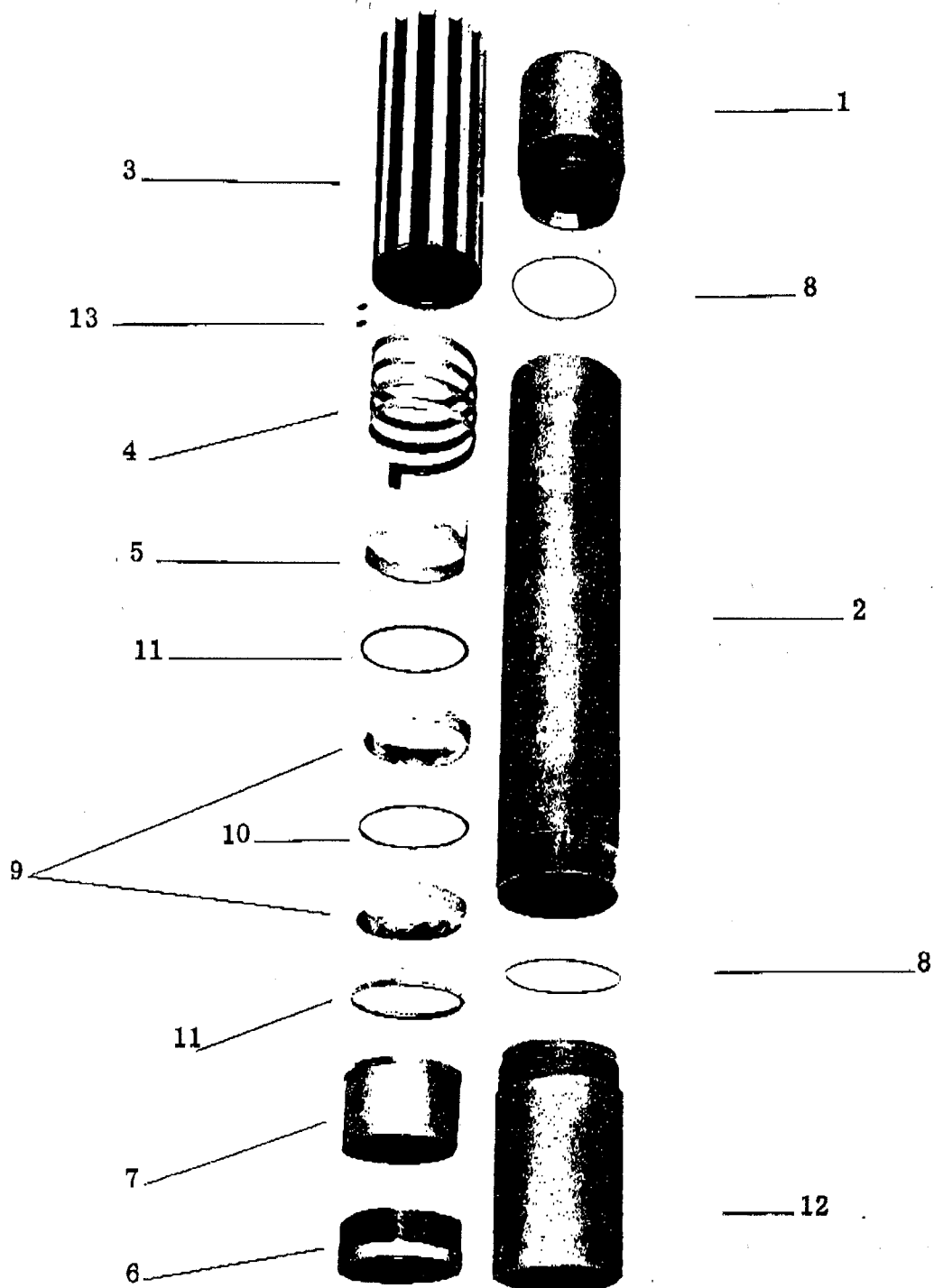
The proper procedure for assembly is as follows:

1. Begin with the Inner Sub Assembly, consisting of parts 3, 4, 5, 6, 7, 9, 10, 11 and 13. Clean all these parts thoroughly.
2. Take the Carrier (part 3) and clamp it in a pipe vise, near the center of its length. **CAUTION:** Do not tighten enough to distort the Carrier or the slots on its outside diameter.
3. Assemble the Grapple (part 4), into the Carrier. This may be done by grasping it by the tanged control end, and screwing it into the Carrier. *Left Hand* rotation must be used, as the spiral and Grapple are made on left hand lead which allows the tool to be released by right hand rotation when desired. Insert the Grapple deep enough into the Carrier to allow the tang to come to rest in the slot provided near the lower end of the Carrier.
4. Follow the Grapple with the Control (part 5), inserted into the Carrier with its tang up (toward the Grapple). Allow the tang of the Control to lay alongside the Grapple tang, at the left side when viewed from the lower end. This Control tang functions as a special key. This allows for the transmission of torque from the Carrier (and body) to the Grapple, to effect release when desired, while at the same time the Grapple's necessary linear movement is left unhampered. Seat the upper face of the Control against the lower spiral in the Carrier.
5. Insert the two Control Set Screws (part 13) into the tapped holes provided in the Control. These must be inserted from the inside, and tightened down against the wall of the Carrier.
6. Insert one End Seal Ring (part 11) into the

Carrier with the bevelled face against the Control, which has a mating bevel on its lower face.

7. Follow the End Seal Ring (part 11) with one of the Lead Seals (part 9). Insert this Lead Seal with its flat side against the lower Lead Seal.
8. Insert the Center Seal Ring (part 10), which will "nest" with the Lead Seal. The Center Seal Ring may be assembled with either face up, as it is identical on both faces.
9. Assemble the second Lead Seal (part 9), with the grooved side up. It will nest with the Center Seal Ring (part 10).
10. Follow this second Lead Seal with the second End Seal (part 11), with its flat face against the lower Lead Seal.
11. Insert the Stinger (part 7), with the larger diameter end against the lower End Seal Ring. This larger diameter has a bevelled face, which will mate with the End Seal Ring.
12. Apply thread dope to the threads of the Retainer (part 6) and screw it into the Carrier end. The Lead Seals may be slightly distorted by handling. If so, take a soft piece of wood and a small hammer, and lightly tap the inside wall of the Seal to seat it. After the Seal is seated in successive stages, the retainer should be carefully but firmly seated by bucking up lightly with a pipe wrench. This completes the inner Sub Assembly. This Carrier and its assembled parts may be removed from the vise and laid aside.
13. Clamp the Bowl (part 2) in the pipe vise.
14. Put one Bowl Seal (part 8) in the groove provided at the lower end of the Top Sub (part 1). Apply thread dope to threads (and Seal). Insert the Top Sub into the Bowl, being careful not to nick or cut the Bowl Seal. Make up until snug. The top end of the Bowl is the end nearest the lug located in the inside of the Bowl.
15. Apply grease to the splines on the outside diameter of the Carrier. Insert the Carrier (part 3) into the Bowl (part 2). **CAUTION:** Be sure the cross-slots at the end opposite the Stinger are inserted toward the upper or Top Sub end of the Bowl, and that the Stinger is directed downward, toward the Guide.

NOTE: The Bowl has an integral lug type key in its I.D. One of the female splines at ran-



dom, will mate with this key. The balance of these splines, collectively form adequate passage for the cement slurry. Before assembling the Guide (part 12) with the Bowl (part 2), reach into the Carrier, grasp it, and slide it back and forth, to assure that the Carrier is free to telescope up and down between the Guide and Top Sub, during operation.

16. The Guide (part 12) may then be assembled with the second Bowl Seal (part 8), and the Guide inserted into the lower end of the Bowl, and made up until shouldered.
17. Buck up Top Sub and Guide tight.
18. Assemble the tool to the running string. It is ready to run.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD	5. Lease Designation and Serial No. 14-20-H62-3809
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Alottee or Tribe Name Ute Tribe
3. Address and Telephone No. P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) 1939' FNL & 2115' FEL SW/NE Section 14-T3S-R6W	8. Well Name and No. Ute #1-14C6
	9. API Well No. 43-013-30056
	10. Field and Pool, Or Exploratory Area Cedar Rim
	11. County or Parish, State Duchesne County, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

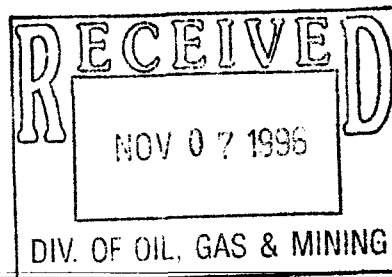
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Please see the attached procedure to convert to the subject well to a salt water disposal well. Appropriate disposal permits are in the process of being obtained from the EPA and State of Utah.

This well is currently P&A'd.



14. I hereby certify that the foregoing is true and correct

Signed Sheila Bremer Title Environmental & Safety Analyst Date 11/04/96

(This space for Federal or State office use)

APPROVED BY _____ Title _____ Date _____

Conditions of approval, if any:

UTE 1-14C6
Section 14 T3S R6W
Altamont Field
Duchesne Co. Utah

PROCEDURE:

1. MIRU PU. Drill out surface plug w/a 12-1/4" milltooth bit. Wash down top of cut-off csg stub @ 600'. POOH.
2. RIH w/8-1/2" milltooth bit, DC's on 2-7/8" tbg. Cleanout 9-5/8" csg to 700'. POOH.
3. RIH w/9-7/8" type B rotary shoe. Dress of top of 9-5/8" csg stub. POOH.
4. RIH w/9-5/8" csg patch, landing collar and approx 600' of 9-5/8" N-80 csg. Cmt in place w/230 sx. Call Howco for cmt recommendation.
5. RIH w/8-1/2" bit . Drill out landing collar. PT patch to 2000 psi. Con't RIH and circ out 10# mud. Drill out cmt from 4554-5250'. Circ hole clean. POOH.
6. MIRU Wireline Co. Run CBL/GR/CCL from 5250' to TOC. Perforate the Upper Green River intervals w/a 4" csg gun loaded w/4 JSPF. Intervals will be selected after CBL evaluation.
7. RIH w/retr pkr on 2-7/8" tbg. Swab test interval. Submit water samples for analysis.
8. Acidize interval w/15% HCL. Swab back load. Est inj rate. POOH
9. RIH w/Loc-Set pkr, w/profile nipple, on-off tool on 2-7/8" fiberglasss lined tbg. Set pkr approx 100' above top perf. PT csg to 1000 psi.
10. RDMOSU

PRESENT WELLBORE SCHEMATIC

UTE TRIBE #1-14CC

P4A'D 6/15/78

(TEXACO - OPERATOR)

S.C. Frutch

1/24/96

13 3/8" 54.5# K-55
@ 600' CMT ID
w/ 600 SXS
TO SURF

10# MHD

25' CMT PLUG @ SURFACE

600'

9 5/8" CSG CUT @ 600'
CMT PLUG FROM
735' TO 465'

NOTE

SITE WAS RESEED
AND INSPECTED BY
STATE OF UTAH
5/3/83

10# MHD

260 SXS
CEMENT PUMPED
INTO PERFS BELOW A
PACKER.

TOC @ 4554'

Perfs FROM 4730' TO 5192', 2SPF

4 5/8" HOLES 5300'-5303' (CMT RETAINER @ 5280')
PUMPED 500 SXS BEHIND PIPE

TOC 7245'

CMT PLUG FROM
7245' TO 7483'

7333' TOL (BROWN HANGER w/ 6' SLEEVE)

9 5/8" 40# S-95 + N-80
7825' CMT ID w/ 850 SXS
GOOD RETURNS

7825

NOTE: ZONE OF INTEREST: 7840-70'

Top Perf @ 7900'

TOC @ 8109

Perfs FROM 7900'
TO 9510' (NOTE: INTERVAL 8570-8617 5/8" d.w/ 100 SXS
INTERVALS 7900-80, 8030-40 5/8" d.w/ 300 SXS)

Finishing HOLE @
8509 w/ 70 SXS
CMT ON TOP

Grm Perf @ 9510'

Perfs
FROM 9570-9700'
2SPF

CIBP @ 9550' w/ 2 SXS CMT ON TOP

PBTD @ 9800

7" 26#, 29#, 32# N-80
7333' TO 10,622'
CMT ID w/ 750 SXS

10,622'

TD: 10,630'

**UNDERGROUND INJECTION CONTROL
PERMIT APPLICATION**

Ute #1-14C6

API #43-013-30056

SWNE Section 14-T3S-R6W

Duchesne County, Utah

Coastal Oil & Gas Corporation



Coastal
The Energy People

November 20, 1996

UIC Permit Application
Ute #1-14C6
API #43-013-30056
SWNE Section 14-T3S-R6W
Duchesne County, Utah

Mr. D. Hogle
Groundwater Program Manager
U.S. Environmental Protection Agency
999 18th Street, Suite 500
Mail Code 8P2-W-GW
Denver, Colorado 80202-2466

Dear Mr. Hogle:

Attached please find an Underground Injection Control Permit Application for the above referenced well. Please note that copies of this application have also been sent to the parties listed on the Mailing List on page 13 of the permit.

If you have any questions or need additional information, please contact me at (303) 573-4455.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Attachment

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303 572-1121

***UNDERGROUND INJECTION CONTROL
PERMIT APPLICATION***

***Ute #1-14C6
API #43-013-30056
SWNE Section 14-T3S-R6W
Duchesne County, Utah***




Coastal Oil & Gas Corporation

Ute #1-14C6

Underground Injection Control Permit Application

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Form 4 UIC	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION <i>(Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)</i>	I. EPA ID NUMBER <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"></td> <td style="width:10%; text-align: center;">T/A</td> <td style="width:10%; text-align: center;">C</td> </tr> <tr> <td style="height: 40px;"></td> <td></td> <td></td> </tr> </table>		T/A	C			
	T/A	C						
READ ATTACHED INSTRUCTIONS BEFORE STARTING FOR OFFICIAL USE ONLY								
Application approved <small>mo day year</small>	Date Received <small>mo day year</small>	Permit/Well Number	Comments					
II. FACILITY NAME AND ADDRESS		III. OWNER/OPERATOR AND ADDRESS						
Facility Name Ute #1-14C6		Owner/Operator Name Coastal Oil & Gas Corporation						
Street Address Section 14-T3S-R6W		Street Address 600 17th Street, Suite 800 South						
City Duchesne County	State UT	ZIP Code	City Denver					
			State CO					
			ZIP Code 80201					
IV. OWNERSHIP STATUS (Mark 'x')		V. SIC CODES						
<input type="checkbox"/> A. Federal <input checked="" type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)		1311						
VI. WELL STATUS (Mark 'x')								
<input type="checkbox"/> A. Operating	Date Started <small>mo day year</small>	<input checked="" type="checkbox"/> B. Modification/Conversion <input type="checkbox"/> C. Proposed						
VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)								
<input checked="" type="checkbox"/> A. Individual <input type="checkbox"/> B. Area	Number of Existing wells	Number of Proposed wells	Name(s) of field(s) or project(s)					
VIII. CLASS AND TYPE OF WELL (see reverse)								
A. Class(es) (enter code(s))	B. Type(s) (enter code(s))	C. If class is "other" or type is code 'x,' explain	D. Number of wells per type (if area permit)					
II	D							
IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT			X. INDIAN LANDS (Mark 'x')					
<input checked="" type="checkbox"/> A. Latitude	<input type="checkbox"/> B. Longitude	Township and Range	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No State Surface/ Tribal Minerals					
<small>Deg Min Sec</small> 1 1 1	<small>Deg Min Sec</small> 1 1 1	<small>Twsp Range Sec 1/4 Sec</small> 3S 6W 14 NE						
<small>Feet from Line</small> 3341 S	<small>Feet from Line</small> 2115 E							
XI. ATTACHMENTS								
(Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A — U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application:								
XII. CERTIFICATION								
I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)								
A. Name and Title (Type or Print) C.E. Lindberg, Vice President			B. Phone No. (Area Code and No.) (303) 573-4458					
C. Signature 			D. Date Signed November 20, 1996					

XI. ATTACHMENTS TO EPA UIC FORM 4

A. AREA OF REVIEW METHODS AND NOTIFICATION OF LAND OWNERS

The area of review is a fixed radius of one-quarter ($\frac{1}{4}$) mile from the wellbore. All of Section 14-T3S-R6W is owned by the State of Utah, Division of Wildlife Resources. As per the State of Utah requirements, property owners within a half ($\frac{1}{2}$) mile radius include:

- All of Section 14-T3S-R6W
State of Utah
Division of Wildlife Resources
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116
- S $\frac{1}{2}$ Section 11-T3S-R6W
Properties of Mountains West Ranches
A J.T. Grant Company, L.L.C.
P.O. Box 420
Duchesne, Utah 84021
- W $\frac{1}{2}$ Section 13-T3S-R6W
Rocky Mountain Properties
660 South 200 East, #306
Salt Lake City, Utah 84111

See Exhibit "A" for surface ownership within a $\frac{1}{2}$ mile radius. Coastal is in the process of obtaining all the necessary agreements with the State of Utah to convert the existing wellbore to salt water disposal. See Exhibit "A1" for a copy of the Division of Wildlife Resources application. The Ute Tribe and the BIA Uintah & Ouray Agency, Ft. Duchesne, Utah, will also receive a copy of this permit.

See Exhibit "A2" for copies of the correspondence to all applicable parties and Exhibit "A3" Affidavit of Mailing.

Please note that Coastal Oil & Gas Corporation's proposed Ute #1-14C6 SWD well was originally drilled and P&A'd as the Texaco Ute Tribal #D-1.

B. MAPS OF WELLS AND AREA OF REVIEW

The following topographic maps, showing pertinent information, are as follows:

Exhibit "B" - Affidavit of Surface Inspection - One Mile Radius
Exhibit "B1" - Area of Review - $\frac{1}{4}$ Mile Radius

Please see the attached Reference Sheet for a description of numbered items.

C. CORRECTIVE ACTION PLAN AND WELL DATA

There are no other wells within the area of review.

E. NAME AND DEPTH OF USDWs (CLASS II)

There are no known water wells within this area of review serving either livestock or households. Formations above the injection zone may contain possible USDW zones. Tests have not been run to determine the TDS content of the Upper Green River zones in this well. See Exhibit "E" for well log copies (attached log pocket).

G. GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES (CLASS II)

The proposed salt water injection interval in the Ute #1-14C6 is 4,330' - 5,036' on the dual induction laterolog (Run #1, 3/24/71). This Upper Green River interval consists of interbedded sands, siltstones, shales, and tight carbonates. The shales and tight carbonates are the confining zones. A nearby well (#2X-23C7) perforated several zones in this same stratigraphic interval and recorded water salinities ranging from 200 to 16,000 ppm along with traces of hydrocarbons. This indicates that injection zones in the #1-14C6 may or may not have total dissolved solids greater than 10,000 mg/l. Log analyses of potential injection zones in the #1-14C6 from 4900' to 5036' yield water resistivity values of 0.05 to 0.1 ohm which translate to salinities of 45,000 to 100,000 ppm.

H. OPERATING DATA

- 1) Average Daily Injection Rate = 1,800 BPD
Maximum Daily Injection Rate = 3,000 BPD
Total Volume of Fluid to be Injected = 13,140,000 Bbls (Assuming a 20 year life for the well.)
- 2) Average Injection Pressure = 500 psi
Maximum Injection Pressure = 1085 psi
- 3) Nature of Annulus Fluid: Fresh water mixed with corrosion inhibitor or packer fluid.
- 4) Not applicable - Class I wells only.
- 5) Coastal owns and operates certain wells located in the Altamont/Bluebell Field and Cedar Rim area. Water to be injected into the Ute #1-14C6 will come from wells located in these areas. Exhibit "H" shows the water analyses run on these wells.
- 6) Not applicable - Class III wells only.

I. FORMATION TESTING PROGRAM

See Exhibit "M1".

J. STIMULATION PROGRAM

The proposed zone of injection will be acidized with 15% HCL. See Exhibit "M1".

K. INJECTION PROCEDURES

The injected fluid will be delivered to the disposal site by pipeline and/or truck. The proposed injection procedure will consist of two Triplex pumps pumping down the tubing into the injection zone. There will be 5 - 500 bbl tanks and 1 - 500 bbl skim tank on location feeding the Triplex pumps. Level controllers on the storage tanks will shut down the pumps when the tanks run out of fluid. If the pressure exceeds the maximum injection pressure, pressure controllers will shut down the pumps.

M. CONSTRUCTION DETAILS

The Ute #1-14C6 was originally drilled by Texaco in May of 1971 and plugged and abandoned in June of 1978. Coastal acquired the present lease from Linmar in July of 1994. See Exhibit "M" for details on well data and history; Exhibit "M1" for the procedure to convert to injection; Exhibit "M2" for the present wellbore schematic; Exhibit "M3" for the proposed injection wellbore schematic; and Exhibit "M4" for the surface facility schematic.

O. PLANS FOR WELL FAILURES

In the event that the well is shut-in, whether manually or automatically, Coastal will take the following steps:

- 1) Determine the nature and extent of the failure causing the shut-in.
- 2) In the event that the well cannot continue to operate as stipulated by the UIC permit, the well will be shut-in temporarily, unless permission is obtained from the EPA to continue.
- 3) An EPA representative will be contacted to discuss the reason for the failure and further steps to be taken.
- 4) If well shut-in is imminent, the produced water intended for the Ute #1-14C6 will be diverted to other authorized facilities.
- 5) In the event of a need for clean up/remediation, operations will proceed in accordance with the current Coastal Oil & Gas Corporation Altamont/Bluebell Field SPCC Plan.

P. MONITORING PROGRAM

Coastal will monitor the water quality of the injected fluids on an annual basis. Analysis will include total dissolved solids, pH, specific conductivity, and specific gravity. Any time there is a change in the source of injection fluid, a new water quality analysis will be performed and submitted to the EPA.

Q. PLUGGING AND ABANDONMENT PLAN

See Exhibit "Q" - EPA Form 7520-14, Plugging and Abandonment Plan. See Exhibit "Q1" for the proposed P&A wellbore schematic.

R. NECESSARY RESOURCES

Coastal Oil & Gas Corporation has Bond #U605243-56 in place with the EPA to cover plugging and abandonment of appropriate SWD facilities. This bond is being amended to include the Ute #1-14C6. The new rider for this bond is being mailed directly to Daniela Thigpen at the EPA.

S. AQUIFER EXEMPTION

If the TDS of the injection zones is less than 10,000 mg/l, an exemption of aquifer can be supported with the following information:

- 1) Gas and oil shows were recorded across the injection interval during the drilling of the #1-14C6.
- 2) Nearby wells have tested or produced gas and oil from several zones within this interval.
- 3) There are three active injection wells in this part of the field: #2-17C5, #1A-18C6, and SWD #1-24C6. The injection intervals in these wells are all stratigraphically shallower than the proposed #1-14C6 interval.
- 4) The proposed injection interval is not now nor ever has been used as a source of drinking water.

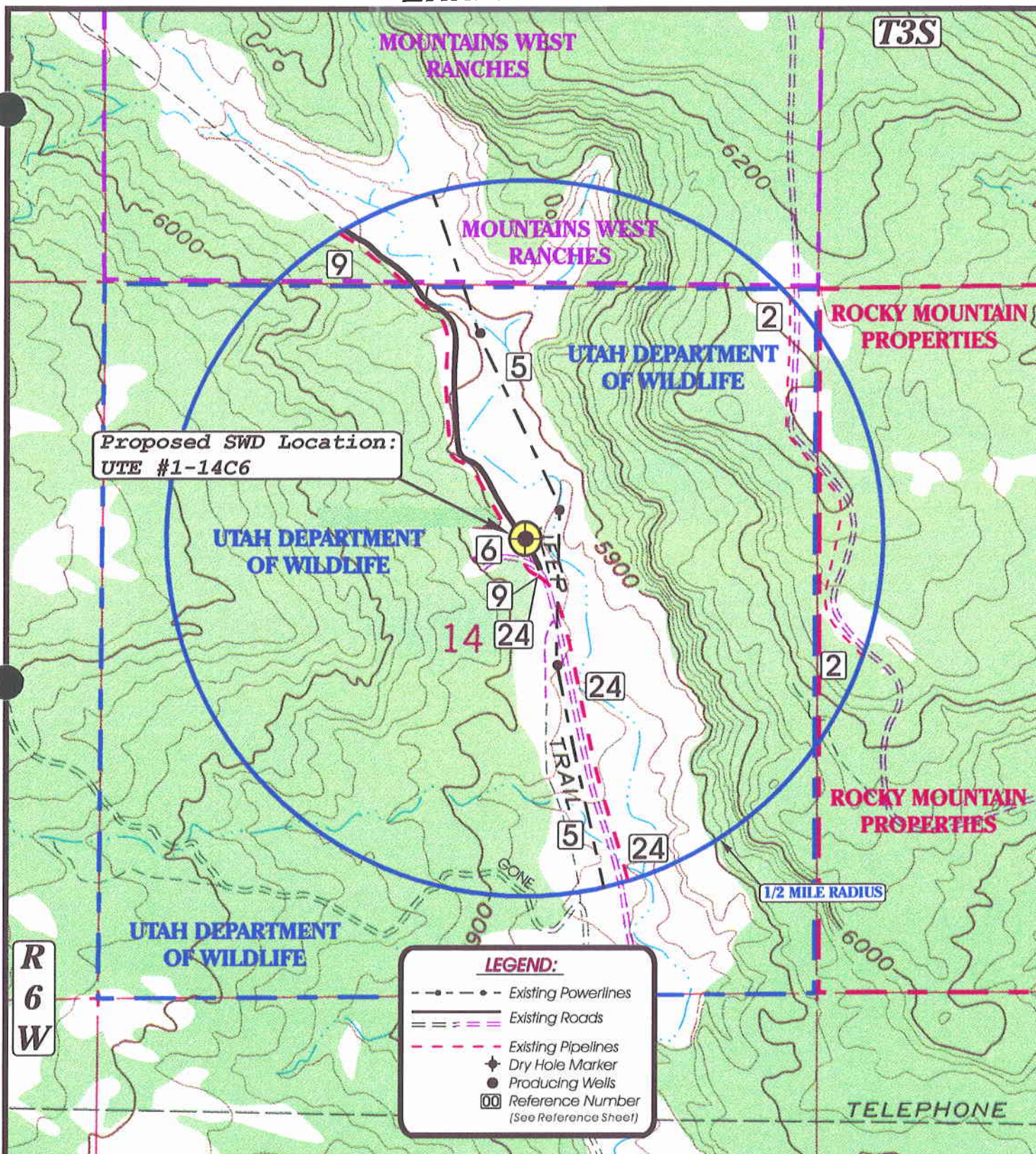
U. DESCRIPTION OF BUSINESS

Coastal Oil & Gas Corporation is an exploration and production company of hydrocarbons.

V. STATE OF UTAH PERMIT

See Exhibit "V" - State of Utah, Application for Injection Well, UIC Form 1; Exhibit "V1" for Affidavit of Surface Inspection - ½ Mile Radius; and Exhibit "A" for surface ownership within a ½ mile radius.

Exhibit A



TOPOGRAPHIC MAP
ATTACHMENT TO
AFFIDAVIT OF SURFACE INSPECTION

DATE: 11-11-96
Drawn by: D.COX

COASTAL OIL & GAS CORP.

UTE #1-14C6
SECTION 14, T3S, R6W, U.S.B.&M.

UENTIS
UNTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 1000'

COASTAL OIL & GAS CORP.

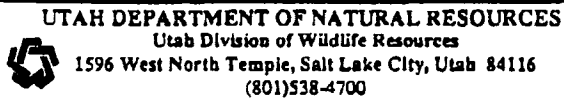
UTE #1-14C6

SECTION 14, T3S, R6W, U.S.B.&M.

*ATTACHMENT TO AFFIDAVIT
OF SURFACE INSPECTION*

REFERENCE SHEET

- 1- EXISTING POWER LINE
- 2- (3) SURFACE PIPELINES: 6", 2" & 2 7/8
- 3- EXISTING ACCESS ROAD
- 4- PRODUCING WELL: MEDALLION - UTE TRIBAL #2-13C6
- 5- EXISTING POWER LINE
- 6- DRY HOLE MARKER: TEXACO - UTE TRIBE D#1
- 7- PRODUCING WELL: MEDALLION - UTE TRIBAL #2-11C6
- 8- (3) SURFACE PIPELINES: 4", 2" STEEL & 2" PLASTIC
- 9- (1) SURFACE PIPELINE: 2" PLASTIC
- 10- (2) SURFACE PIPELINES: 4" & 2" STEEL
- 11- PRODUCING WELL: BENNETT - CEDAR RIM #21
- 12- EXISTING ACCESS ROAD
- 13- PRODUCING WELL: CEDAR RIM #10
- 14- (3) SURFACE PIPELINES: 6", 2" STEEL & WRAPPED FIBERGLASS PIPELINE
- 15- (1) PIPELINE: 2" PLASTIC
- 16- (3) SURFACE PIPELINES: 2" STEEL & 2", 4" WRAPPED IN TIN
- 17- (3) SURFACE PIPELINES: 6", 2" STEEL & 2" PLASTIC WRAPPED IN FIBERGLASS
- 18- (3) SURFACE PIPELINES: 6", 2" STEEL & WRAPPED FIBERGLASS PIPELINE
- 19- PRODUCING WELL: COASTAL - UTE TRIBAL #2-14C6
- 20- (3) SURFACE PIPELINES: 4", 2" STEEL & 2" PLASTIC
- 21- EXISTING POWER LINE
- 22- EXISTING ACCESS ROAD
- 23- COASTAL - ANR: BURIED HIGH PRESSURE GAS LINE
- 24- (1) BURIED PIPELINE: 4" STEEL
- 25- PRODUCING WELL: MEDALLION - UTE TRIBAL E-2

Exhibit A1**Application for Right-of-Way/Lease/Special Use Permit**

APPLICANT'S NAME (Company name) AND ADDRESS:

Coastal Oil & Gas CorporationPO Box 120Altamont, UT 84001

CONTACT PERSON:

Bill McGaughey

DAYTIME PHONE NUMBER:

(801) 454-3394

Application is hereby made for:

☐ RIGHT-OF-WAY☒ LEASE☐ SPECIAL USE PERMITon the following described Division land(s) for a term of 30 years**#1. LEGAL DESCRIPTION**County: Duchesne, Utah

Subdivision*	Section	Township	Range	Total acres/ Total distance
<u>SW/4NE/4</u>	<u>14</u>	<u>3 South</u>	<u>6 West</u>	<u>2 acres</u>

*attach centerline description with width and platted survey if applicable

#2. PROPOSED ACTION (Describe project):

Modification of existing surface use lease from production of oil and gas to injection of produced water- Texaco Ute Tribal D-1 well

#3. MAP--Attach a map of the area.**#4. PROJECT PLAN--Attach the project plan [see R657-28-3(1)(d)(ii)]**

I acknowledge that the issuance of a right-of-way/lease/special use permit will be issued in accordance with R657-28.

I understand that upon completing this application and providing the required documentation that the Division shall have 30 days to review and to either deny or grant a conditional approval.

I acknowledge that if I receive conditional approval additional documentation may be required by the Division (R657-28-3(4)(a-e)).

I acknowledge that the Division has 60 days from receiving the additional information requested under R657-28-3(4)(a-e) to review and make a final determination on whether or not the right-of-way/lease/special use permit should be granted or denied.

In the event the right-of-way/lease/special use permit is granted, the Division will issue the right-of-way/lease/special use permit upon payment of the fee set forth in R657-28-6.

I hereby certify that the information for purposes of this application is true and correct to the best of my knowledge and that I am an authorized representative of the above-named applicant.

APPLICANT'S SIGNATURE

Agent

TITLE

STATE OF Colorado)

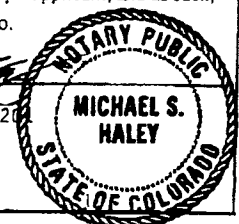
)ss.

COUNTY OF Denver)

On the 18th day of November, 19 96, personally appeared before me Brian L. Haley

and who by me being duly sworn did acknowledge that he is an authorized representative of the above-named applicant, and as such, is authorized to make application and hereby bind said applicant to the terms and conditions related thereto.

NOTARY PUBLIC

My commission expires: 11-17-2000Residing at: 621 17th St., Ste. 120
Denver, CO 80293

Location of the Ute D-1 well

Township 3 South, Range 6 West
Section 14: SW/4NE/4

PROPOSED CONVERSION
TO SALT WATER
INJECTION

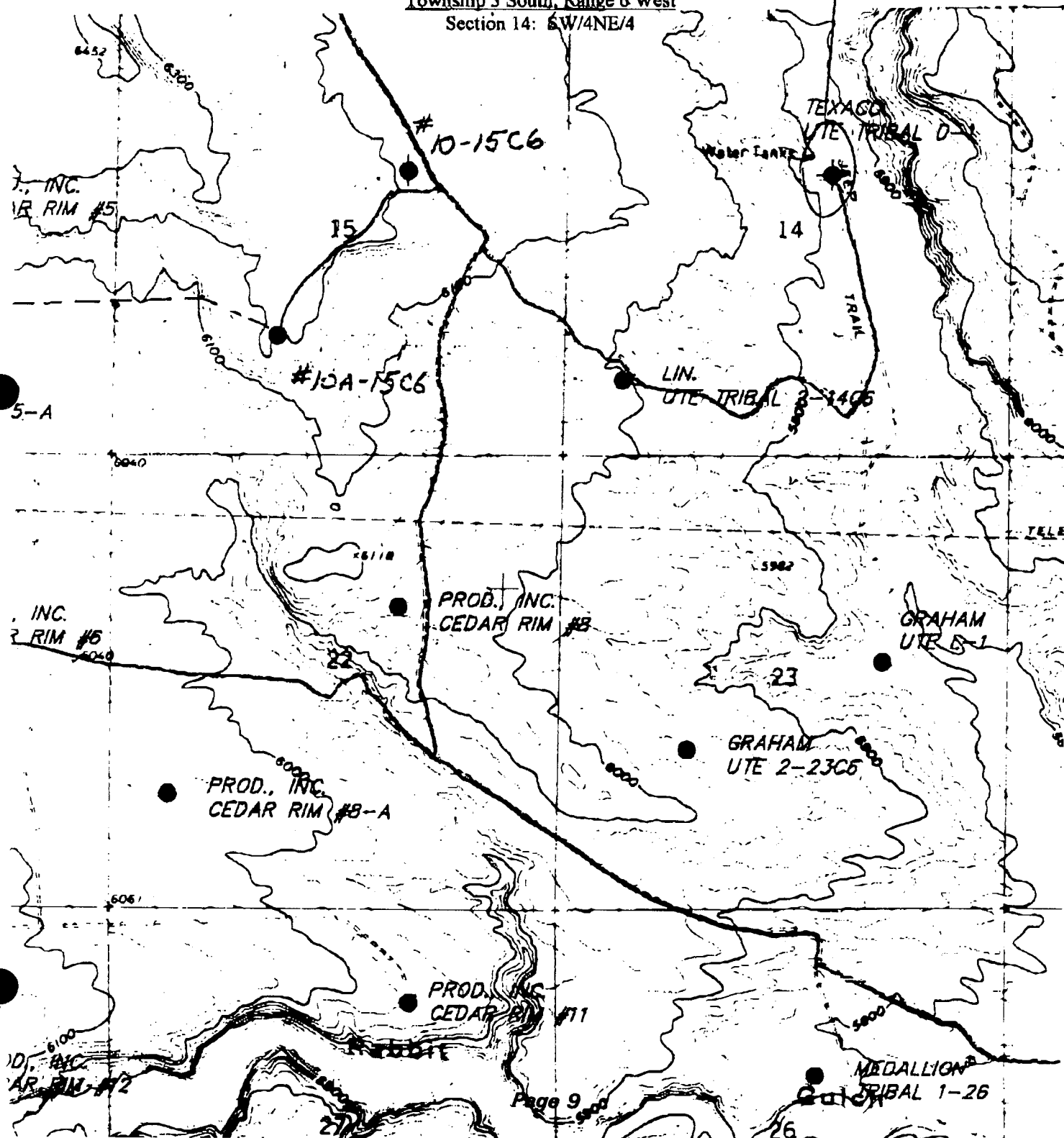




Exhibit A2

November 20, 1996

Notice of Permit Application
For Water Disposal Well
Ute #1-14C6
Section 14-T3S-R6W
Duchesne County, Utah

CERTIFIED MAIL

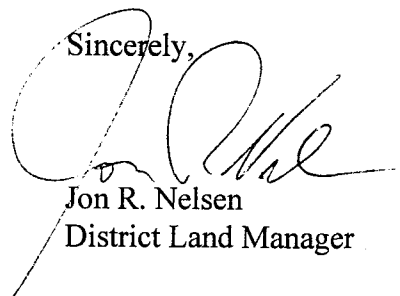
See Attached Distribution List

Ladies & Gentlemen:

This letter is to advise you that Coastal Oil & Gas Corporation is requesting approval from the U.S. Environmental Protection Agency to inject water produced from the Altamont/Bluebell Field and the Cedar Rim Area into the Ute #1-14C6.

You are herein provided with a copy of the submitted permit for this well. Should you have any questions or comments, please do not hesitate to contact me or the U.S. Environmental Protection Agency.

Sincerely,



Jon R. Nelsen
District Land Manager

Enclosure

MAILING LIST
UTE #1-14C6
UNDERGROUND WATER DISPOSAL APPLICATION

State of Utah
Division of Wildlife Resources
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Properties of Mountains West Ranches
A J.T. Grant Co., L.L.C.
P.O. Box 420
Duchesne, Utah 84021

Rocky Mountain Properties
660 South 200 East, #306
Salt Lake City, Utah 84111

Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, Utah 74026

Mr. Charles H. Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
P.O. Box 130
Ft. Duchesne, Utah 84026

Mr. Norman Cambridge
Bureau of Indian Affairs
Uintah & Ouray Agency
Branch of Real Estate Services
P.O. Box 130
Ft. Duchesne, Utah 84026

Exhibit A3

BEFORE THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

IN THE MATTER OF THE APPLICATION OF COASTAL)
OIL & GAS CORPORATION FOR APPROVAL TO CONVERT)
THE UTE #1-14C6 TO AN UNDERGROUND WATER DISPOSAL)
WELL IN THE UPPER GREEN RIVER ZONES IN SECTION 14,)
T3S-R6W, DUCHESNE COUNTY, UTAH)

AFFIDAVIT OF MAILING

Jon R. Nelsen, of legal age, and being first duly sworn, upon his oath, deposes and says:

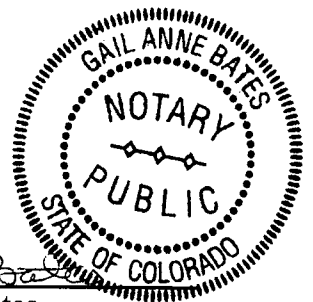
That he is employed by Coastal Oil & Gas Corporation; that Coastal's Application for Underground Water Disposal in the Ute #1-14C6 has been sent by certified mail on November 20, 1996, to the surface owners located within one-half mile radius of the subject well or other interested parties at the addresses shown on the attached mailing list; and that to the best of his information, knowledge, and belief, the parties above named are the only parties to whom notice of this application is required to be given.




Jon R. Nelsen
District Land Manager
Coastal Oil & Gas Corporation

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

Subscribed and sworn to before me on this 20th day of November, 1996.




Notary Public - Gail Anne Bates

My Commission Expires:
MY COMMISSION EXPIRES: May 14, 1997
8335 Fairmount Drive
Denver, Colorado 80231

MAILING LIST
UTE #1-14C6
UNDERGROUND WATER DISPOSAL APPLICATION

State of Utah
Division of Wildlife Resources
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Properties of Mountains West Ranches
A J.T. Grant Co., L.L.C.
P.O. Box 420
Duchesne, Utah 84021

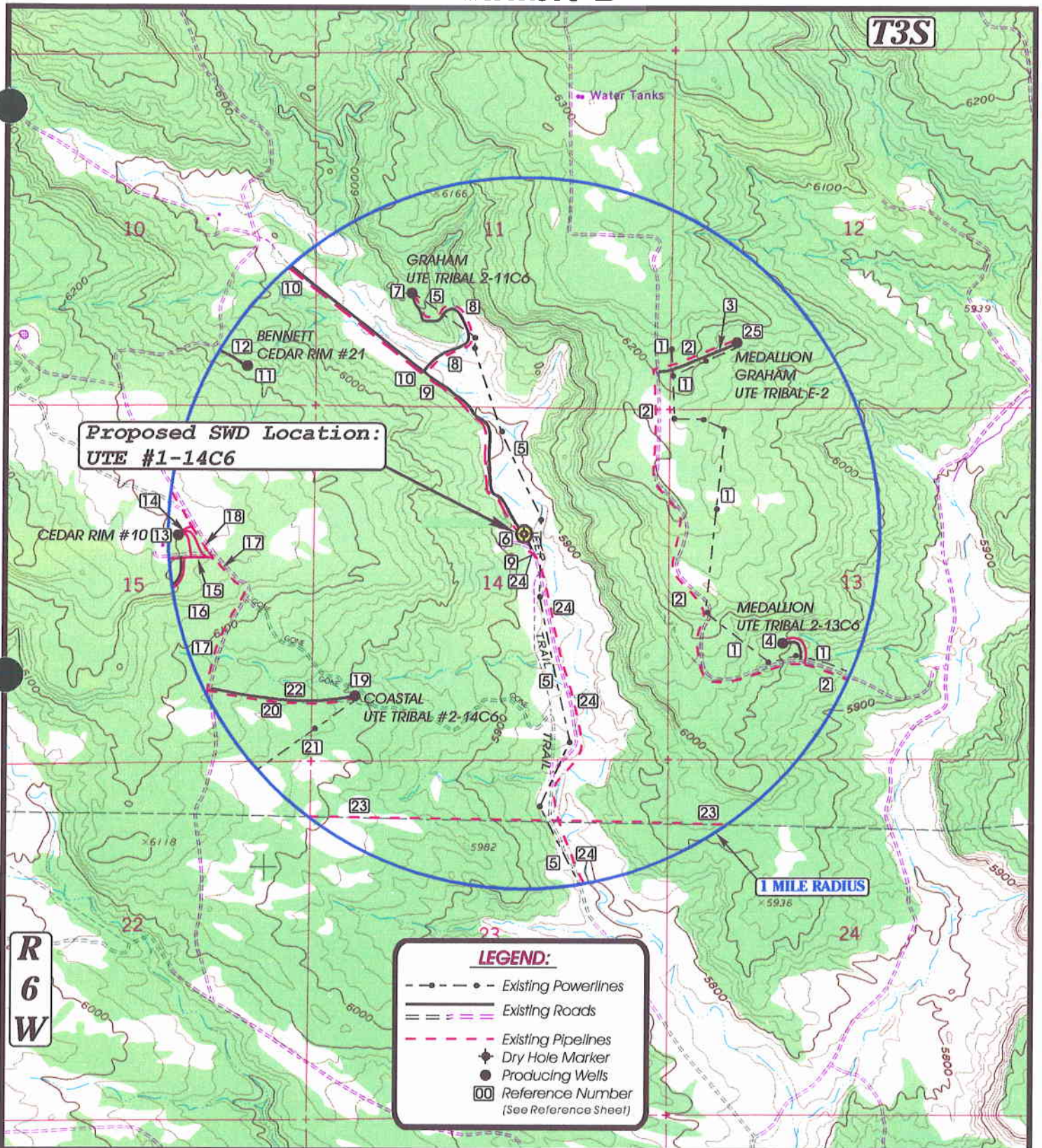
Rocky Mountain Properties
660 South 200 East, #306
Salt Lake City, Utah 84111

Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, Utah 74026

Mr. Charles H. Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
P.O. Box 130
Ft. Duchesne, Utah 84026

Mr. Norman Cambridge
Bureau of Indian Affairs
Uintah & Ouray Agency
Branch of Real Estate Services
P.O. Box 130
Ft. Duchesne, Utah 84026

Exhibit B



**TOPOGRAPHIC MAP
ATTACHMENT TO
AFFIDAVIT OF SURFACE INSPECTION**

**DATE: 11-5-96
Drawn by: D.COX**

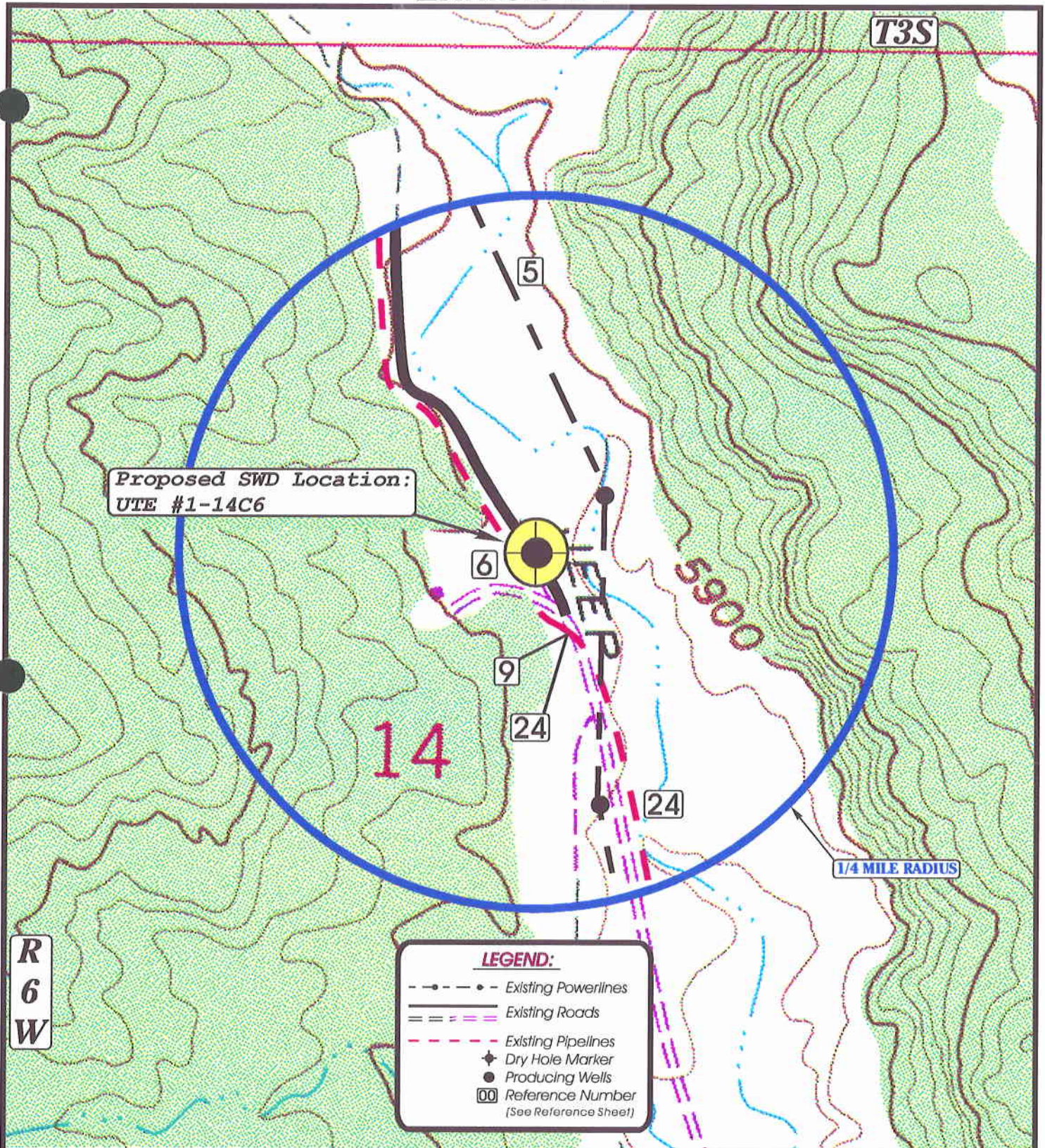
UENTIS
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

COASTAL OIL & GAS CORP.

**UTE #1-14C6
SECTION 14, T3S, R6W, U.S.B.&M.**

SCALE: 1" = 2000'

Exhibit B1



TOPOGRAPHIC MAP AREA OF REVIEW

DATE: 11-6-96
Drawn by: D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 500'

COASTAL OIL & GAS CORP.

UTE #1-14C6
SECTION 14, T3S, R6W, U.S.B.&M.

COASTAL OIL & GAS CORP.

UTE #1-14C6

SECTION 14, T3S, R6W, U.S.B.&M.

*ATTACHMENT TO AFFIDAVIT
OF SURFACE INSPECTION*

REFERENCE SHEET

- 1- EXISTING POWER LINE
- 2- (3) SURFACE PIPELINES: 6", 2" & 2 7/8
- 3- EXISTING ACCESS ROAD
- 4- PRODUCING WELL: MEDALLION - UTE TRIBAL #2-13C6
- 5- EXISTING POWER LINE
- 6- DRY HOLE MARKER: TEXACO - UTE TRIBE D#1
- 7- PRODUCING WELL: MEDALLION - UTE TRIBAL #2-11C6
- 8- (3) SURFACE PIPELINES: 4", 2" STEEL & 2" PLASTIC
- 9- (1) SURFACE PIPELINE: 2" PLASTIC
- 10- (2) SURFACE PIPELINES: 4" & 2" STEEL
- 11- PRODUCING WELL: BENNETT - CEDAR RIM #21
- 12- EXISTING ACCESS ROAD
- 13- PRODUCING WELL: CEDAR RIM #10
- 14- (3) SURFACE PIPELINES: 6", 2" STEEL & WRAPPED FIBERGLASS PIPELINE
- 15- (1) PIPELINE: 2" PLASTIC
- 16- (3) SURFACE PIPELINES: 2" STEEL & 2", 4" WRAPPED IN TIN
- 17- (3) SURFACE PIPELINES: 6", 2" STEEL & 2" PLASTIC WRAPPED IN FIBERGLASS
- 18- (3) SURFACE PIPELINES: 6", 2" STEEL & WRAPPED FIBERGLASS PIPELINE
- 19- PRODUCING WELL: COASTAL - UTE TRIBAL #2-14C6
- 20- (3) SURFACE PIPELINES: 4", 2" STEEL & 2" PLASTIC
- 21- EXISTING POWER LINE
- 22- EXISTING ACCESS ROAD
- 23- COASTAL - ANR: BURIED HIGH PRESSURE GAS LINE
- 24- (1) BURIED PIPELINE: 4" STEEL
- 25- PRODUCING WELL: MEDALLION - UTE TRIBAL E-2

Exhibit E

The following two log copies are enclosed in the attached log pocket:

- ▶ Borehole Compensated Sonic Log - Gamma Ray
- ▶ Dual Induction Laterolog

UNICHEM

A Division of BJ Services

Exhibit HP.O. Box 217
Roosevelt, Utah 84068Office (801) 722-5066
Fax (801) 722-5727**WATER ANALYSIS REPORT**Company COASTAL OIL AND GAS Address _____ Date 09-20-96
Source LITE TRIBAL 1-33B6 TR. Date Sampled 09-18-96 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.6</u>		
2. H ₂ S (Qualitative)	<u>2.5</u>		
3. Specific Gravity	<u>1.007</u>		
4. Dissolved Solids		<u>8,627</u>	
5. Alkalinity (CaCO ₃)		<u>20</u>	
6. Bicarbonate (HCO ₃)	HCO ₃	<u>1,950</u>	+ 61 <u>32</u> HCO ₃
7. Chlorides (Cl)	Cl	<u>1,900</u>	+ 35.5 <u>54</u> Cl
8. Sulfates (SO ₄)	SO ₄	<u>2,100</u>	+ 48 <u>44</u> SO ₄
9. Calcium (Ca)	Ca	<u>144</u>	+ 20 <u>7</u> Ca
10. Magnesium (Mg)	Mg	<u>24</u>	+ 12.2 <u>2</u> Mg
11. Total Hardness (CaCO ₃)		<u>460</u>	
12. Total Iron (Fe)		<u>0.6</u>	
13. Manganese			
14. Barium (Qualitative)			
15. Phosphate Residuals		<u>84</u>	

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Eq. Wt.	X	Meq/l	Mg/l
7	Ca(HCO ₃) ₂	81.04	<u>7</u>		<u>567</u>
2	CaSO ₄	68.07			
	CaCl ₂	55.50			
121	Mg(HCO ₃) ₂	73.17	<u>2</u>		<u>146</u>
	MgSO ₄	60.19			
	MgCl ₂	47.62			
	NaHCO ₃	84.00	<u>23</u>		<u>1,932</u>
	Na ₂ SO ₄	71.03	<u>44</u>		<u>3,125</u>
	NaCl	58.46	<u>54</u>		<u>3,157</u>

Saturation ValuesCaCO₃**Distilled Water 20°C**

13 Mg/l

CaSO₄ · 2H₂O

2,080 Mg/l

MgCO₃

103 Mg/l

REMARKS**AMMONIA = 9 PPM****CO2 = 0 PPM**

Exhibit H

2060 SOUTH 1500 EAST
VERNAL, UTAH 84078

Telephone (801) 789-4327

WATER ANALYSIS REPORT

Company: COASTAL
Address:
Field/Lease: 2-14C6

PROJECT NO: 960411.4

Report For: BILL McGAUGHEY
cc. MARC EARNEST
cc. SAM PRUTCH
cc. MIKE ANGUS
Service Engineer: ED SCHWARZ

Date Sampled: 5/3/96
Date Received: 5/3/96
Date Reported: 5/6/96

Chemical Component	2-14C6
Chloride (mg/l)	3,800
Sulfate (mg/l)	3,088
Carbonate (mg/l)	0
Bicarbonate (mg/l)	660
Calcium (mg/l)	344
Magnesium (mg/l)	185
Iron (mg/l)	11.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	3,446
pH	8.06
Ionic Strength	0.23
Specific Gravity	1.010
SI@20C (68F)	1.13
SI@25C (77F)	1.26
SI@30C (86F)	1.38
SI@40C (104F)	1.63
SI@50C (122F)	1.78
SI@60C (140F)	2.11
SI@70C (158F)	2.27
SI@80C (176F)	2.60
SI@90C (194F)	2.87
TDS (mg/l)	11,534
Temperature (F)	
Dissolved CO2 (ppm)	88
Dissolved H2S (ppm)	3
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

10

Analyst: K. Hawkins

lab tech: K.H.

tech. service: MWC

sales: ES

Exhibit H

Telephone (801) 789-4327

Water Analysis Report

Company: COASTAL

PROJECT NO: 960971 1

Address:

Field/Lease: 2-17C6

Report For: BILL McGAUGHEY

cc. MARC EARNEST

cc. SAM PRUTCH

cc. MIKE ANGUS

Service Engineer: ED SCHWARZ

Date Sampled: 10/21/96

Date Received: 10/22/96

Date Reported: 10/23/96

Chemical Component	2-17C6
Chloride (mg/l)	8,800
Sulfate (mg/l)	1,353
Carbonate (mg/l)	0
Bicarbonate (mg/l)	488
Calcium (mg/l)	1,624
Magnesium (mg/l)	92
Iron (mg/l)	95.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	4,501
pH	7.00
Ionic Strength	0.34
Specific Gravity	1.020
SI@20C (68F)	0.42
SI@25C (77F)	0.54
SI@30C (86F)	0.65
SI@40C (104F)	0.91
SI@50C (122F)	1.06
SI@60C (140F)	1.43
SI@70C (158F)	1.62
SI@80C (176F)	1.98
SI@90C (194F)	2.27
TDS (mg/l)	16,953
Temperature (F)	
Dissolved CO2 (ppm)	114
Dissolved H2S (ppm)	7
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

4

Analyst: K. Hawkins

lab tech: K. Hawkins

tech. service: _____

sales: ES

Exhibit H

2060 SOUTH 1500 EAST
VERNAL, UTAH 84078

Telephone (801) 789-4327

Water Analysis Report

Company: COASTAL

PROJECT NO: 960696.1

Address:

Field/Lease: 2-19C6

Report For: BILL McGAUGHEY

cc. MARC EARNEST

Date Sampled: 7/9/96

cc. SAM PRUTCH

Date Received: 7/10/96

cc. MIKE ANGUS

Date Reported: 7/16/96

Service Engineer: ED SCHWARZ

Chemical Component	2-19C6
Chloride (mg/l)	3,000
Sulfate (mg/l)	2,445
Carbonate (mg/l)	0
Bicarbonate (mg/l)	915
Calcium (mg/l)	480
Magnesium (mg/l)	92
Iron (mg/l)	3.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	2,736
pH	7.88
Ionic Strength	0.19
Specific Gravity	1.010
SI@20C (68F)	1.32
SI@25C (77F)	1.45
SI@30C (86F)	1.57
SI@40C (104F)	1.83
SI@50C (122F)	1.98
SI@60C (140F)	2.29
SI@70C (158F)	2.44
SI@80C (176F)	2.75
SI@90C (194F)	3.00
TDS (mg/l)	9,671
Temperature (F)	
Dissolved CO2 (ppm)	79
Dissolved H2S (ppm)	17
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

10

Analyst: K. Hawkins

lab tech: KH

tech. service: MLC

sales: ES

**Exhibit H**

Telephone (801) 789-4327

Water Analysis Report

Company: COASTAL

PROJECT NO: 960896.3

Address:

Field/Lease: 2-33C6

Report For: BILL McGAUGHEY

cc. MARC EARNEST

Date Sampled: 9/18/96

cc. SAM PRUTCH

Date Received: 9/19/96

cc. MIKE ANGUS

Date Reported: 9/20/96

Service Engineer: ED SCHWARZ

Chemical Component	2.33C6
Chloride (mg/l)	5,600
Sulfate (mg/l)	515
Carbonate (mg/l)	0
Bicarbonate (mg/l)	756
Calcium (mg/l)	368
Magnesium (mg/l)	78
Iron (mg/l)	4.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	3,593
pH	7.20
Ionic Strength	0.20
Specific Gravity	1.015
SI@20C (88F)	0.42
SI@25C (77F)	0.55
SI@30C (86F)	0.68
SI@40C (104F)	0.93
SI@50C (122F)	1.08
SI@60C (140F)	1.40
SI@70C (158F)	1.55
SI@80C (176F)	1.86
SI@90C (194F)	2.12
TDS (mg/l)	10,914
Temperature (F)	
Dissolved CO2 (ppm)	44
Dissolved H2S (ppm)	7
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

7

Analyst: K. Hawkins

lab tech: Kdhtech. service: Micsales: ES

Exhibit H

2060 SOUTH 1500 EAST
VERNAL UTAH 84078

Telephone (801) 789-4327

Water Analysis Report

Company: COASTAL
Address:
Field/Lease: 2-24C7

PROJECT NO: 960696.5

Report For: BILL McGAUGHEY

cc. MARC EARNEST

cc. SAM PRUTCH

cc. MIKE ANGUS

Service Engineer: ED SCHWARZ

Date Sampled: 7/9/96

Date Received: 7/10/96

Date Reported: 7/16/96

Chemical Component	2-24C7
Chloride (mg/l)	3,200
Sulfate (mg/l)	1,548
Carbonate (mg/l)	0
Bicarbonate (mg/l)	793
Calcium (mg/l)	360
Magnesium (mg/l)	131
Iron (mg/l)	5.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	2,454
pH	7.89
Ionic Strength	0.17
Specific Gravity	1.010
SI@20C (88F)	1.20
SI@25C (77F)	1.33
SI@30C (86F)	1.46
SI@40C (104F)	1.71
SI@50C (122F)	1.86
SI@60C (140F)	2.16
SI@70C (158F)	2.30
SI@80C (176F)	2.60
SI@90C (194F)	2.85
TDS (mg/l)	8,491
Temperature (F)	
Dissolved CO2 (ppm)	132
Dissolved H2S (ppm)	7
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

Analyst: K. Hawkins

lab tech: KH

tech. service: myr

sales: ES

Exhibit H

Telephone (801) 789-4327

Water Analysis Report

Company: COASTAL

PROJECT NO: 960896.1

Address:

Field/Lease: 1-4D6

Report For: BILL McGAUGHEY

cc. MARC EARNEST

Date Sampled: 9/18/96

cc. SAM PRUTCH

Date Received: 9/19/96

cc. MIKE ANGUS

Date Reported: 9/20/96

Service Engineer: ED SCHWARZ

Chemical Component	1-4D6
Chloride (mg/l)	4,400
Sulfate (mg/l)	983
Carbonate (mg/l)	0
Bicarbonate (mg/l)	1,037
Calcium (mg/l)	448
Magnesium (mg/l)	170
Iron (mg/l)	5.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	2,879
pH	8.00
Ionic Strength	0.19
Specific Gravity	1.015
SI@20C (68F)	1.47
SI@25C (77F)	1.60
SI@30C (86F)	1.72
SI@40C (104F)	1.97
SI@50C (122F)	2.12
SI@60C (140F)	2.44
SI@70C (158F)	2.58
SI@80C (176F)	2.90
SI@90C (194F)	3.15
TDS (mg/l)	9,922
Temperature (F)	
Dissolved CO2 (ppm)	88
Dissolved H2S (ppm)	34
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

10

Analyst: K. Hawkins

lab tech: tech. service: sales:

Exhibit H



Telephone (801) 789-4327

Water Analysis Report

Company: COASTAL

PROJECT NO: 960896.2

Address:

Field/Lease: 1-5D6

Report For: BILL McGAUGHEY

cc. MARC EARNEST

Date Sampled: 9/18/96

cc. SAM PRUTCH

Date Received: 9/19/96

cc. MIKE ANGUS

Date Reported: 9/20/96

Service Engineer: ED SCHWARZ

Chemical Component	1-5D6
Chloride (mg/l)	4,000
Sulfate (mg/l)	1,105
Carbonate (mg/l)	0
Bicarbonate (mg/l)	671
Calcium (mg/l)	280
Magnesium (mg/l)	190
Iron (mg/l)	2.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	2,695
pH	7.60
Ionic Strength	0.17
Specific Gravity	1.010
SI@20C (68F)	0.71
SI@25C (77F)	0.84
SI@30C (86F)	0.97
SI@40C (104F)	1.22
SI@50C (122F)	1.37
SI@60C (140F)	1.68
SI@70C (158F)	1.81
SI@80C (176F)	2.12
SI@90C (194F)	2.37
TDS (mg/l)	8,943
Temperature (F)	
Dissolved CO2 (ppm)	150
Dissolved H2S (ppm)	10
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

9

Analyst: K. Hawkins

lab tech: tech. service: sales:

Exhibit M

**UTE #1-14C6
Section 14 T3S R6W
Altamont Field
Duchesne County, Utah**

WELL DATA:

Location: 3341' FSL 2115' FEL

Elevation: 5878' GL 5893' KB

Total Depth: 10,630'

Casing: 13-3/8" 54.5# K-55 csg set @ 600'. Cmt'd w/600 sx. Circ to surf.
9-5/8" 40# S-95 & N-80 csg set @ 7825'. Cmt'd w/850 sx. Csg cut
@ 600' and pulled.
7" 26,29,32# N-80 csg set @ 10,622'. Cmt'd w/750 sx.

TUBULAR DATA:

Description	ID	Drift	Capacity B/F	Burst Psi	Collapse Psi
13-3/8" 54.5# K-55	12.615	12.459	.1545	2730	1130
9-5/8" 40# S-95	8.835	8.679	.0758	6820	3330
9-5/8" 40# N-80	8.835	8.679	.0758	5750	3090

WELL HISTORY

See Detail

PRESENT STATUS:

P & A'd

UTE TRIBE #1-14C6

Well History

- 05/71** Initial Completion.
Perf'd from 9570'-9700', 2 spf. Acidized w/10,000 gals 15% HCl.
Perf'd from 8786'-8854', 8888'-8930', 8970'-90', 9032'-75'; 9190'-9260', 2 spf.
Acidize w/10,000 gals 15% HCl.
Well Flowed: 1212 BOPD, 0 BWPD, 2857 MCFPD
FTP: 625 psi, 34/64" chk
- 07/71** CO fill to 9420'.
Perf'd from 7900'-30', 8030'-40', 8570'-8612', 8930'-54', 9075'-9118', 2 spf. Set RBP @ 8640' and acidize perfs from 7900' to 8612' w/8000 gals 15% HCl. Rls RBP @ 8640' and POOH. Run csg free hydraulic lift system.
Well Pumped: 1068 BOPD, 0 BWPD, 1250 MCFPD
- 01/73** CO to 9572'. Set CIBP @ 9550' w/2 sx cmt on top.
Perf'd through tbg 9484'-9510', 9440'-56', 9370'-9400', 9314'-9322', 1 JSPF.
Acidize perfs from 9314'-9510' w/9000 gals 15% HCl.
- 03/73** Cmt sqz'd perfs from 7900'-30' and 8030'-40' w/300 sx cmt. Cmt sqz'd perfs from 8570'-8612' w/100 sx cmt.
Perf through tbg, 2 JSPF, 8695', 8699', 8727', 8743', 8748', 8793', 8839', 8853', 8921', 8927', 9047', 9061', 9073', 9211', 9237', and 9245'.
Acidized perfs from 8786' through 9245' w/15,000 gals 15% HCl.
- 07/77** Spot 400' (70 sx) cmt on top of fish @ 8509'. Spot 300' (75 sx) plug half in and out of 7" liner @ 7333'. Tag cmt @ 8230'. Spot 75 add'l sx of cmt across liner. Tag cmt @ 7245'. Perf 4 sqz holes @ 5300'-5303'. Set cmt ret @ 5280'. Pmp 500 sx below retainer.
Perf'd, 2 spf, 5187'-92', 5178'-82', 5168'-73', 5078'-84', 5036'-64', 4958'-66', 4874'-90', 4342'-50', 4788'-96', 4752'-58', 4730'-40'. Injected perfs from 4730' to 5192' w/8000 gals mud and silt remover.
Prior Production: 0 BOPD, 0 BWPD
Post Production: 0 BOPD, 1040 BWPD (13 hrs)
- 06/78** Pump 200 sx cmt into perfs. Tag cmt @ 4750'. Spot 60 sx cmt @ 4680'. Tag cmt @ 4554'. Shot off 9e" csg @ 600'. Fill hole w/10 ppg mud. Pump 100 sx cmt plug inside 9e" csg stub and btm of 138" surf csg. Spot 20 sx surf plug in top of 138" csg w/dry hole marker. Well abandoned 06/15/78.

Exhibit M1

**UTE 1-14C6
Section 14 T3S R6W
Altamont Field
Duchesne Co. Utah**

PROCEDURE:

1. MIRU PU. Drill out surface plug w/a 12-1/4" milltooth bit. Wash down top of cut-off csg stub @ 600'. POOH.
2. RIH w/8-1/2" milltooth bit, DC's on 2-7/8" tbg. Cleanout 9-5/8" csg to 700'. POOH.
3. RIH w/9-7/8" type B rotary shoe. Dress of top of 9-5/8" csg stub. POOH.
4. RIH w/9-5/8" csg patch, landing collar and approx 600' of 9-5/8" N-80 csg. Cmt in place w/230 sx. Call Howco for cmt recommendation.
5. RIH w/8-1/2" bit . Drill out landing collar. PT patch to 2000 psi. Con't RIH and circ out 10# mud. Drill out cmt from 4554-5250'. Circ hole clean. POOH.
6. MIRU Wireline Co. Run CBL/GR/CCL from 5250' to TOC. Sufficient remedial cementing will be performed if necessary to insure proper zonal isolation of the injection zone. Perforate the Upper Green River intervals w/a 4" csg gun loaded w/4 JSPF. Intervals will be selected after CBL evaluation.
7. RIH w/retr pkr on 2-7/8" tbg. Swab test interval. Submit water samples for analysis.
8. Acidize interval w/15% HCL. Swab back load. Est inj rate. POOH
9. RIH w/Loc-Set pkr, w/profile nipple, on-off tool on 2-7/8" fiberglass lined tbg. Set pkr approx 100' above top perf. PT csg to 1000 psi.
10. RDMOSU

PRESENT WELLBORE SCHEMATIC

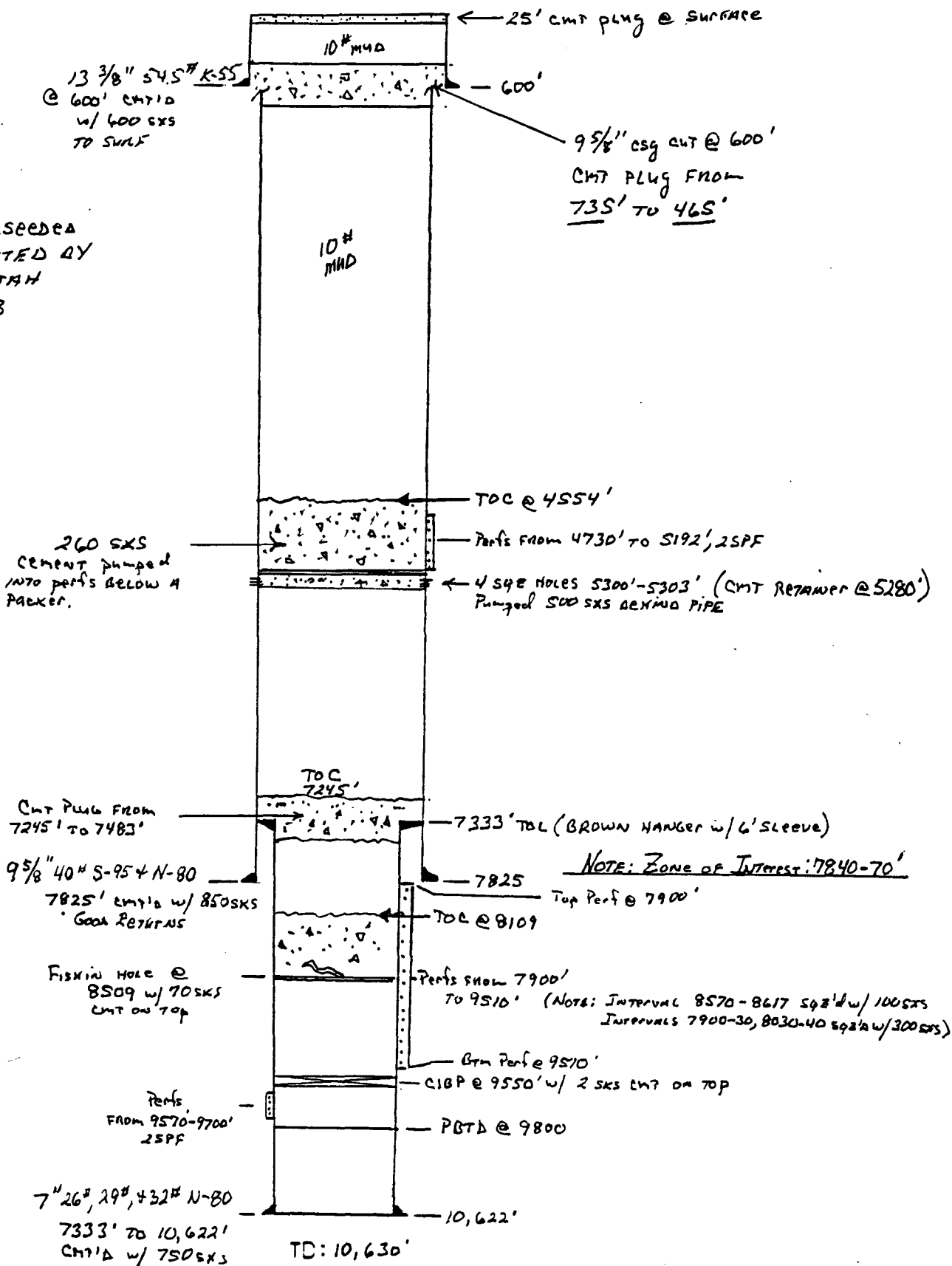
UTE TRIBE #1-1466

P4A'D 6/15/78

(TEXACO - OPERATOR)

Exhibit M2

NOTE
SITE WAS RESEEDER
AND INSPECTED BY
STATE OF UTAH
5/3/83



Proposed Inj. Well Schematic

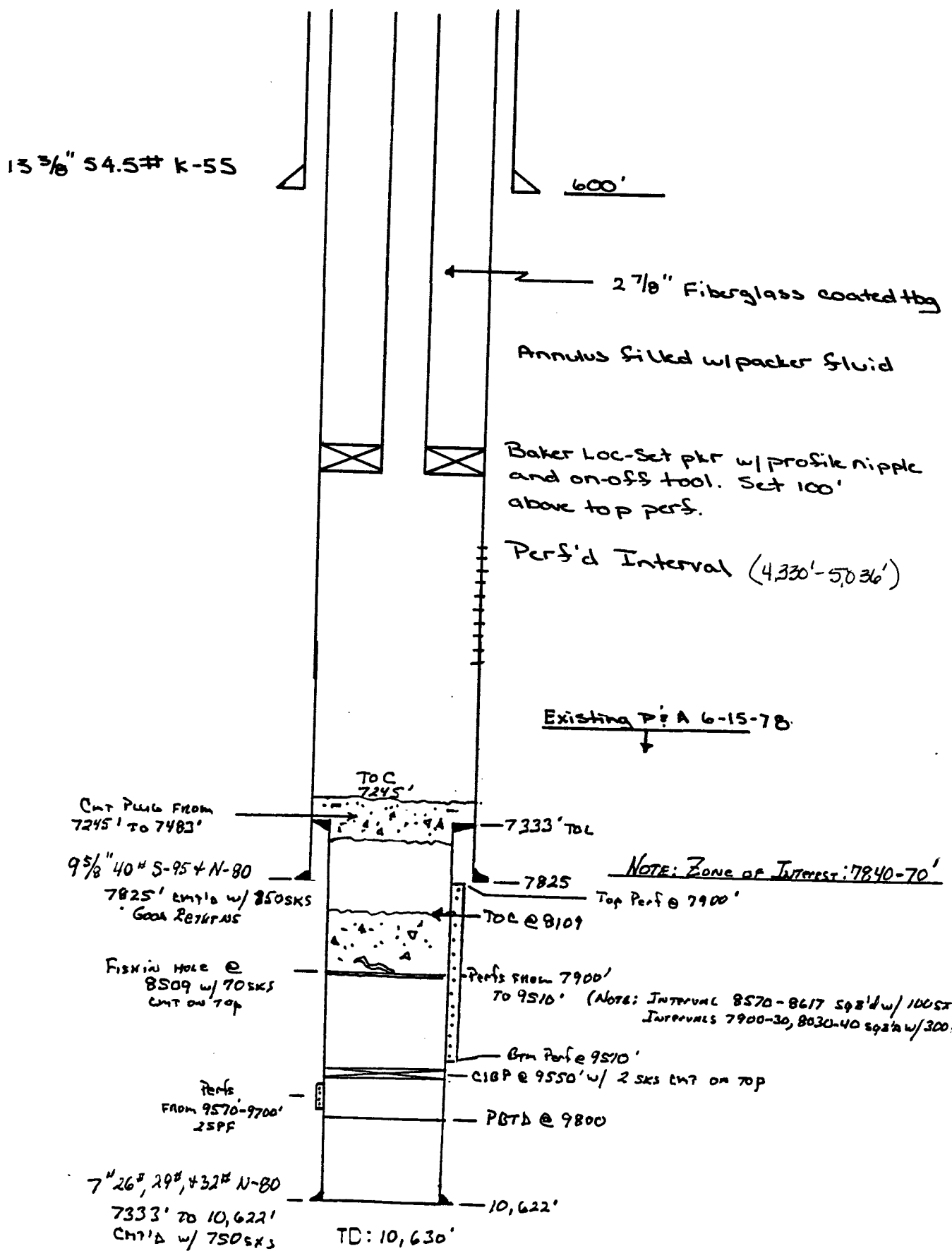
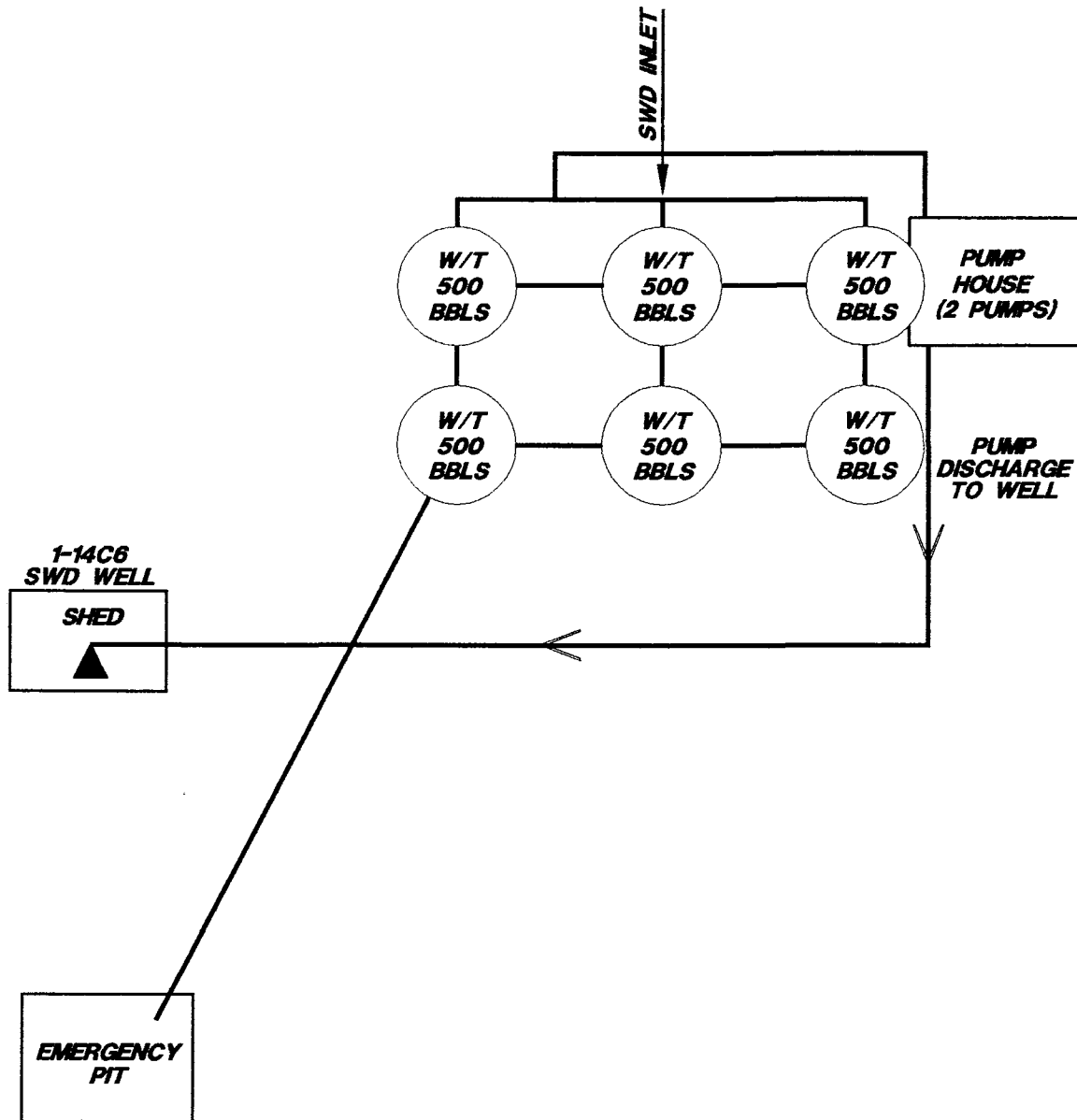


Exhibit M4



Coastal Oil & Gas Corporation
A SUBSIDIARY OF THE COASTAL CORPORATION
The Energy People

ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

PROPOSED SWD FACILITY

UTE 1-14C6 SWD
SEC. 14 T3S-R6W

SCALE: NONE

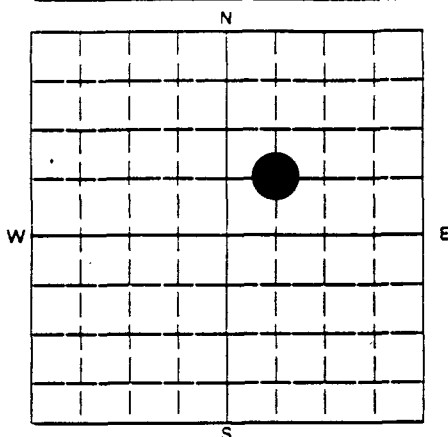
NOVEMBER, 1996

**PLUGGING AND ABANDONMENT PLAN**

NAME AND ADDRESS OF FACILITY

Ute #1-14C6
Section 14-T3S-R6W
Duchesne County, Utah

NAME AND ADDRESS OF OWNER OPERATOR

Coastal Oil & Gas Corporation
600 17th Street, Suite 800 South
Denver, Colorado 80201LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE

Utah

COUNTY

Duchesne

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

1/4 OF SW 1/4 OF NE 1/4 SECTION 14 TOWNSHIP 3S RANGE 6W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface 3341
Location _____ ft. from (N/S) S Line of quarter section
and 2115 ft. from (E/W) E Line of quarter section

TYPE OF AUTHORIZATION

- ☒
- Individual Permit
-
- ☐
- Area Permit
-
- ☐
- Rul.

Number of Wells 1

WELL ACTIVITY

- ☐
- CLASS I
-
- ☐
- CLASS II
-
- ☒
- Brine Disposal
-
- ☐
- Enhanced Recovery
-
- ☐
- Hydrocarbon Storage
-
- ☐
- CLASS III

Lease Name

Ute

Well Number

#1-14C6

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
13-3/8"	54.5		600'	
9-5/8"	40		7,825'	
7"	26, 29, 32		3,289'	

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☒
- The Balance Method
-
- ☐
- The Dump Bailer Method
-
- ☒
- The Two-Plug Method
-
- ☐
- Other

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	9-5/8	9-5/8	9-5/8				
Depth to Bottom of Tubing or Drill Pipe (ft.)	4,680	700	25				
Sacks of Cement To Be Used (each plug)	260	71	9				
Slurry Volume To Be Pumped (cu. ft.)	312	85	11				
Calculated Top of Plug (ft.)	4,630	500	Surf.				
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8				
Type Cement or Other Material (Class III)	H	H	H				

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
4,330'	5,036'		

Estimated Cost to Plug Wells

\$25M

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)

C.E. Lindberg
Vice President

SIGNATURE

DATE SIGNED

November 20, 1996

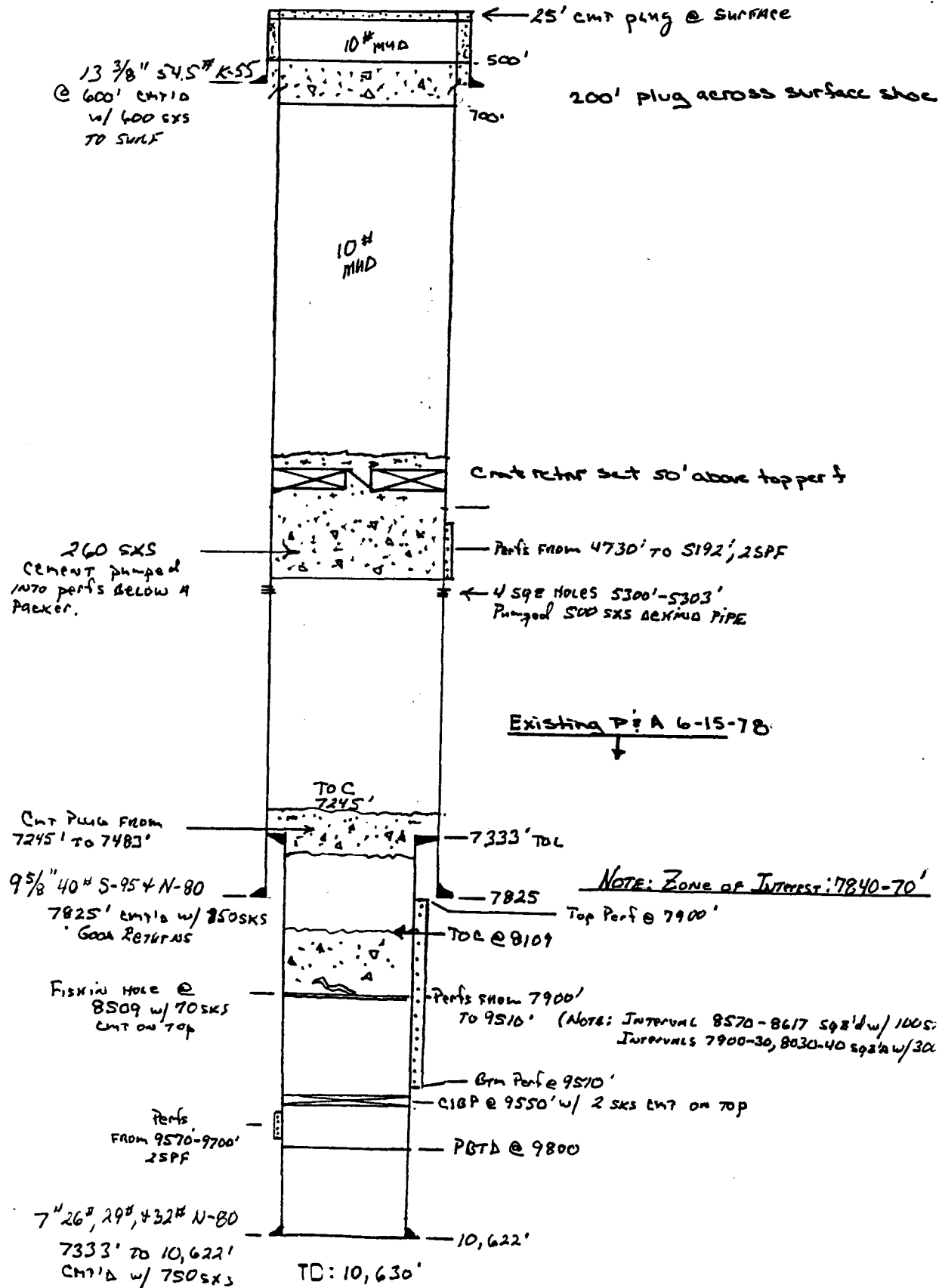


Exhibit V

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR II

OPERATOR Coastal
ADDRESS 600 17th
Denver, CO



Well name and number _____

Field or Unit name: _____

Well location: QQ SWNE

County Duchesne

209409

Is this application for _____ project? . . Yes ☐ No ☒

Will the proposed well be used for: Enhanced Recovery? . . Yes ☐ No ☒
Disposal? Yes ☒ No ☐
Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____
API number: 43-013-30056

Proposed injection interval: from 4,330' to 5,036'

Proposed maximum injection: rate 3,000 BPD pressure 1,085 psig

Proposed injection zone contains ☐ oil, ☐ gas, and/or ☐ fresh water within $\frac{1}{2}$ mile of the well. There are no wells within a $\frac{1}{2}$ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: EPA Permit

I certify that this report is true and complete to the best of my knowledge.

Name C.E. Lindberg
Title Vice President
Phone No. (303) 573-4458

Signature C.E. Lindberg
Date NOVEMBER 20, 1996

(State use only)

Application approved by _____ Title _____
Approval Date _____

Comments:

Exhibit V

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Coastal Oil & Gas Corporation
ADDRESS 600 17th Street, Suite 800 South
Denver, CO 80201

Well name and number: Ute #1-14C6

Field or Unit name: Cedar Rim Lease no. _____

Well location: QQ SWNE section 14 township 3S range 6W county Duchesne

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for: Enhanced Recovery? . . Yes ☐ No ☒
Disposal? Yes ☒ No ☐
Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____
API number: 43-013-30056

Proposed injection interval: from 4,330' to 5,036'

Proposed maximum injection: rate 3,000 BPD pressure 1,085 psig

Proposed injection zone contains ☐ oil, ☐ gas, and/or ☐ fresh water within $\frac{1}{2}$ mile of the well. There are no wells within a $\frac{1}{2}$ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: EPA Permit

I certify that this report is true and complete to the best of my knowledge.

Name C.E. Lindberg
Title Vice President
Phone No. (303) 573-4458

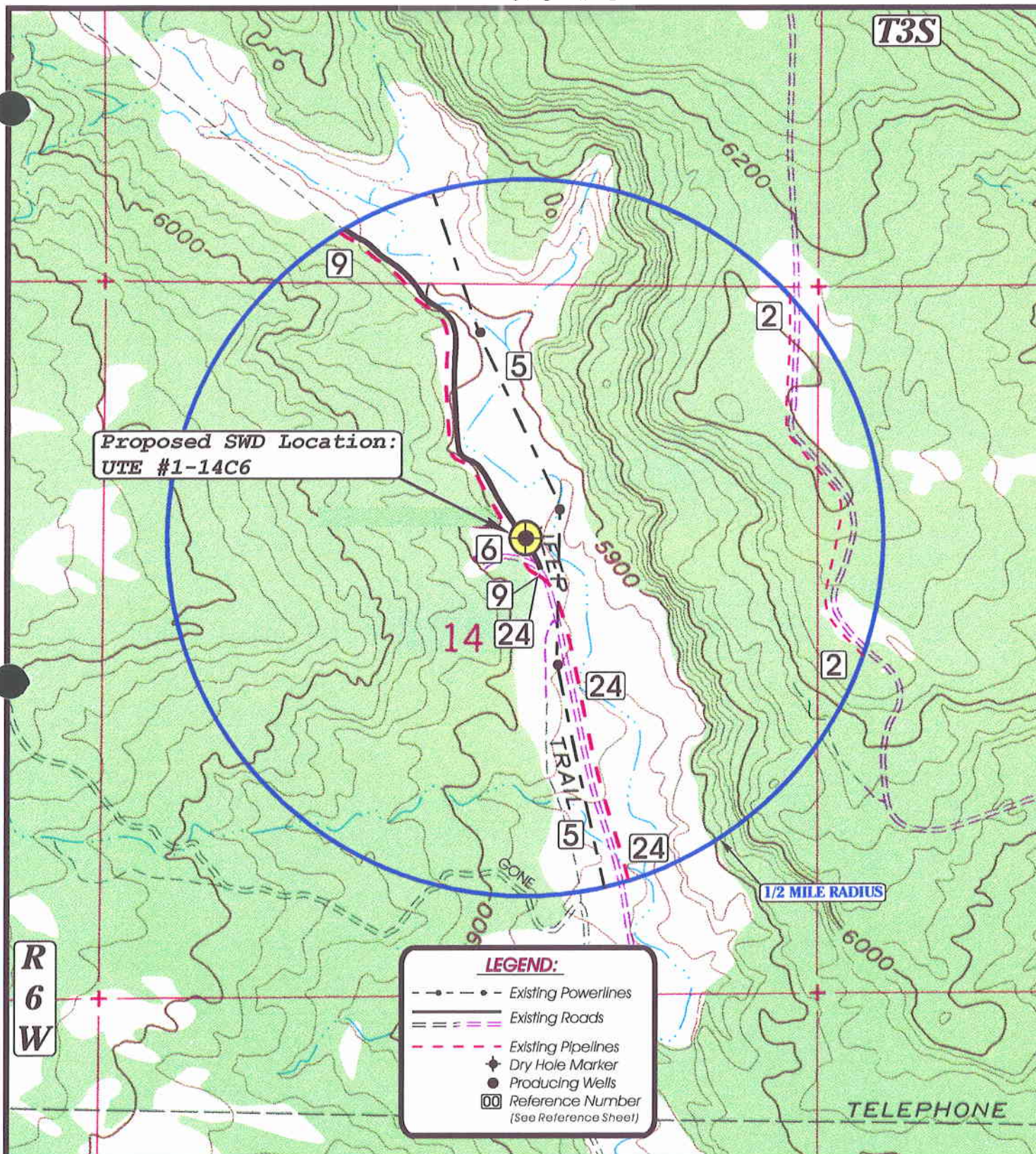
Signature C.E. Lindberg
Date NOVEMBER 20, 1996

(State use only)

Application approved by _____ Title _____
Approval Date _____

Comments:

Exhibit V1



TOPOGRAPHIC MAP
ATTACHMENT TO
AFFIDAVIT OF SURFACE INSPECTION

DATE: 11-5-96
Drawn by: D.COX

UENTIS
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 1000'

COASTAL OIL & GAS CORP.

UTE #1-14C6
SECTION 14, T3S, R6W, U.S.B.&M.

COASTAL OIL & GAS CORP.

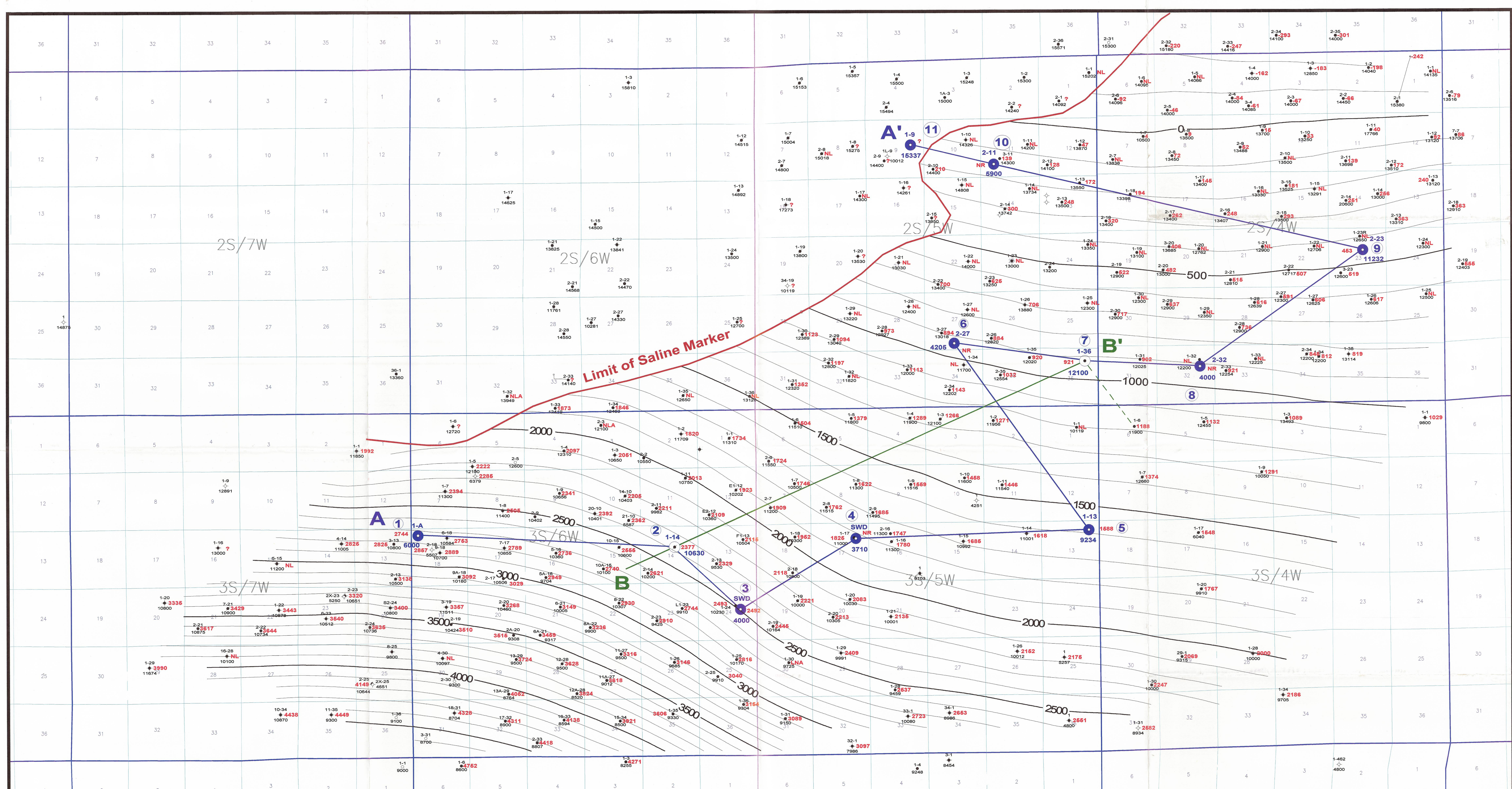
UTE #1-14C6

SECTION 14, T3S, R6W, U.S.B.&M.

*ATTACHMENT TO AFFIDAVIT
OF SURFACE INSPECTION*

REFERENCE SHEET

- 1- EXISTING POWER LINE**
- 2- (3) SURFACE PIPELINES: 6", 2" & 2 7/8**
- 3- EXISTING ACCESS ROAD**
- 4- PRODUCING WELL: MEDALLION - UTE TRIBAL #2-13C6**
- 5- EXISTING POWER LINE**
- 6- DRY HOLE MARKER: TEXACO - UTE TRIBE D#1**
- 7- PRODUCING WELL: MEDALLION - UTE TRIBAL #2-11C6**
- 8- (3) SURFACE PIPELINES: 4", 2" STEEL & 2" PLASTIC**
- 9- (1) SURFACE PIPELINE: 2" PLASTIC**
- 10- (2) SURFACE PIPELINES: 4" & 2" STEEL**
- 11- PRODUCING WELL: BENNETT - CEDAR RIM #21**
- 12- EXISTING ACCESS ROAD**
- 13- PRODUCING WELL: CEDAR RIM #10**
- 14- (3) SURFACE PIPELINES: 6", 2" STEEL & WRAPPED FIBERGLASS PIPELINE**
- 15- (1) PIPELINE: 2" PLASTIC**
- 16- (3) SURFACE PIPELINES: 2" STEEL & 2", 4" WRAPPED IN TIN**
- 17- (3) SURFACE PIPELINES: 6", 2" STEEL & 2" PLASTIC WRAPPED IN FIBERGLASS**
- 18- (3) SURFACE PIPELINES: 6", 2" STEEL & WRAPPED FIBERGLASS PIPELINE**
- 19- PRODUCING WELL: COASTAL - UTE TRIBAL #2-14C6**
- 20- (3) SURFACE PIPELINES: 4", 2" STEEL & 2" PLASTIC**
- 21- EXISTING POWER LINE**
- 22- EXISTING ACCESS ROAD**
- 23- COASTAL - ANR: BURIED HIGH PRESSURE GAS LINE**
- 24- (1) BURIED PIPELINE: 4" STEEL**
- 25- PRODUCING WELL: MEDALLION - UTE TRIBAL E-2**



B

B'



- LEGEND**
MUD LOG DATA
- SANDS AND SILTSTONES
 - CARBONATES
 - SHALE

Coastal Oil & Gas Corporation
A subsidiary of THE COASTAL CORPORATION

GREATER ALTAMONT FIELD
WATER DISPOSAL STUDY

STRUCTURAL CROSS SECTION
B-B'

STEVE LANEY VERTICAL 1"=100' SCALE: HORIZONTAL 1"=2000' APRIL, 1998
ENCLOSURE 3

A

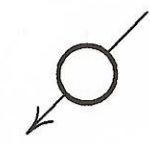
①

UTE #1-A

Sec. 18-T3S-R6W

Duchesne County, Utah

First Injection: 4/76



②

UTE #1-14 C6

Sec. 14-T3S-R6W

Duchesne County, Utah

Proposed Injection Well



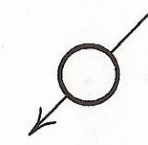
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ALTAMONT SWD #1

Sec. 24-T3S-R6W

Duchesne County, Utah

First Injection: 12/75



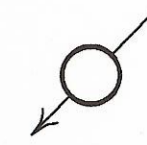
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SALERATUS #2-17 C5

Sec. 17-T3S-R5W

Duchesne County, Utah

First Injection: 8/75



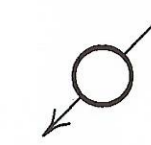
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BLUEBENCH #13-1

Sec. 13-T3S-R5W

Duchesne County, Utah

First Injection: 10/91



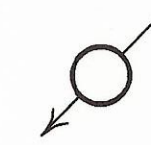
⑥

LDS CHURCH #2-27 B5

Sec. 27-T2S-R5W

Duchesne County, Utah

First Injection: 1/75



⑦

RHOADES #1-36 B5

Sec. 36-T2S-R5W

Duchesne County, Utah

Proposed Injection Well



⑧

RUSSELL #2-32 B4

Sec. 32-T2S-R4W

Duchesne County, Utah

First Injection: 4/75



⑨

LAKE FORK #2-23 B4

Sec. 24-T2S-R4W

Duchesne County, Utah

First Injection: 1/88



⑩

URICH #2-11 B5

Sec. 11 T2S-R5W

Duchesne County, Utah

First Injection: 10/75



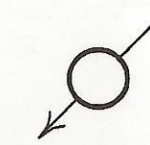
⑪

TEW #1-9 B5

Sec. 9 T2S-R5W

Duchesne County, Utah

First Injection: 10/94



A'

⑪

TEW #1-9 B5

Sec. 9 T2S-R5W

Duchesne County, Utah

First Injection: 10/94



UINTA

TOP

OF

SALINE

FACIES

SALINE FACIES
(UPPER GREEN RIVER)

TOP

OF

LOWER

GREEN

RIVER

Water analysis
TDS 16,560 mg/l
Drilling report
Salinity 22,000 ppmDrilling report
Salinity 17,000 ppm

TDS 17,440 mg/l

TDS 20,120 mg/l

Salinity 10,320 ppm
TDS 8,888 mg/l

Salinity 16,300 ppm

TDS 48,357-67,208 mg/l

TDS 137,861-142,059 mg/l

TDS 65,371 mg/l

TDS 64,655 mg/l

TDS 67,585

TDS 23,480 mg/l

Proposed 8/77
no record of
work doneProposed
Injection
IntervalProposed
Injection
Interval#1 PF 3,100-3,148
125,000 ppm chlorides
7/7/75
Signed off

7" Liner

#2 Swabbed open hole,
Water tested
79,000 ppm chlorides
7/16/78
Ran 6" pre-perf
liner to TD and
injected at 385 BWPDPerforated 8/77
Flowed 1040 BW
in 13 hoursHole flowing
during drillingNo detailed perf info
available
TDS
47,585 mg/l
from entire interval

Coastal Oil & Gas Corporation
 A SUBSIDIARY OF THE COASTAL CORPORATION
 The Energy People

WESTERN ALTAMONT FIELD
 WATER DISPOSAL WELLS

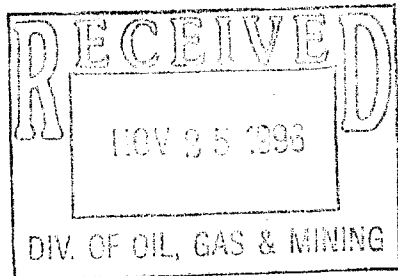
**STRATIGRAPHIC
CROSS SECTION DIAGRAM**
 (HUNG ON TOP OF SALINE FACIES)

 VERTICAL SCALE: 1"=250'
 HORIZONTAL SCALE: VARIABLE
 STEVE LANEY MARCH, 1998

Enclosure 2



Coastal
The Energy People



Gil -

11/20

Page 34 is a
signed original of
State of Utah UIC
No Form 1.

Shule

No
For water
Ute #1-14C6
Section 14-T3S-R6W
Duchesne County, Utah

CERTIFIED MAIL

See Attached Distribution List

Ladies & Gentlemen:

This letter is to advise you that Coastal Oil & Gas Corporation is requesting approval from the U.S. Environmental Protection Agency to inject water produced from the Altamont/Bluebell Field and the Cedar Rim Area into the Ute #1-14C6.

You are herein provided with a copy of the submitted permit for this well. Should you have any questions or comments, please do not hesitate to contact me or the U.S. Environmental Protection Agency.

Sincerely,

Jon R. Nelsen
Jon R. Nelsen
District Land Manager

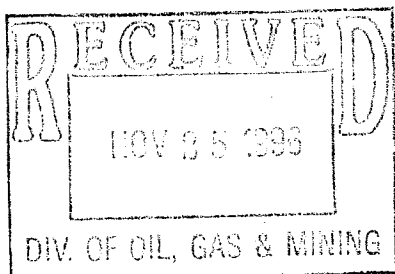
Enclosure

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121



Coastal
The Energy People



November 20, 1996

Notice of Permit Application
For Water Disposal Well
Ute #1-14C6
Section 14-T3S-R6W
Duchesne County, Utah

CERTIFIED MAIL

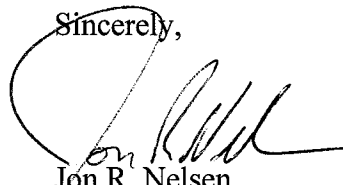
See Attached Distribution List

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Sincerely,



Jon R. Nelsen
District Land Manager

Enclosure

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION

600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

MAILING LIST
UTE #1-14C6
UNDERGROUND WATER DISPOSAL APPLICATION

State of Utah
Division of Wildlife Resources
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Properties of Mountains West Ranches
A J.T. Grant Co., L.L.C.
P.O. Box 420
Duchesne, Utah 84021

Rocky Mountain Properties
660 South 200 East, #306
Salt Lake City, Utah 84111

Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, Utah 74026

Mr. Charles H. Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
P.O. Box 130
Ft. Duchesne, Utah 84026

Mr. Norman Cambridge
Bureau of Indian Affairs
Uintah & Ouray Agency
Branch of Real Estate Services
P.O. Box 130
Ft. Duchesne, Utah 84026

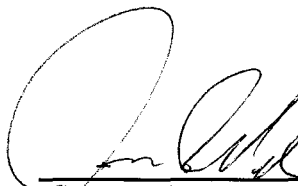
BEFORE THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

IN THE MATTER OF THE APPLICATION OF COASTAL)
OIL & GAS CORPORATION FOR APPROVAL TO CONVERT)
THE UTE #1-14C6 TO AN UNDERGROUND WATER DISPOSAL)
WELL IN THE UPPER GREEN RIVER ZONES IN SECTION 14,)
T3S-R6W, DUCHESNE COUNTY, UTAH)

AFFIDAVIT OF MAILING

Jon R. Nelsen, of legal age, and being first duly sworn, upon his oath, deposes and says:

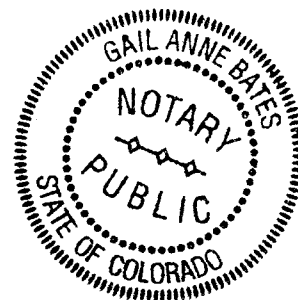
That he is employed by Coastal Oil & Gas Corporation; that Coastal's Application for Underground Water Disposal in the Ute #1-14C6 has been sent by certified mail on November 20, 1996, to the surface owners located within one-half mile radius of the subject well or other interested parties at the addresses shown on the attached mailing list; and that to the best of his information, knowledge, and belief, the parties above named are the only parties to whom notice of this application is required to be given.



Jon R. Nelsen
District Land Manager
Coastal Oil & Gas Corporation

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

Subscribed and sworn to before me on this 20th day of November, 1996.




Notary Public - Gail Anne Bates

My Commission Expires:

MY COMMISSION EXPIRES: May 14, 1997
8335 Fairmount Drive
Denver, Colorado 80231

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE
APPLICATION OF COASTAL OIL
AND GAS CORPORATION FOR
ADMINISTRATIVE APPROVAL OF
THE UTE 1-14C6 WELL LOCATED IN
SECTION 14, TOWNSHIP 3 SOUTH,
RANGE 6 WEST, U.S.M.,
DUCHESNE COUNTY, UTAH, AS A
CLASS II INJECTION WELL

: NOTICE OF AGENCY
: ACTION

: CAUSE NO. UIC-188
:

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

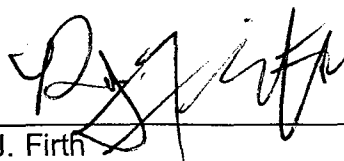
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil and Gas Corporation for administrative approval of the Ute 1-14C6 well, located in Section 14, Township 3 South, Range 6 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 4330 feet to 5036 feet (Upper Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be determined by means of a step-rate test at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 16th day of December 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



R. J. Firth
Associate Director, Oil & Gas



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 16, 1996

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-188

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt
Secretary

Enclosure





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 16, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

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Sincerely,

Larraine Platt

Larraine Platt
Secretary

Enclosure



Coastal Oil and Gas Corporation
Ute 1-14C6 Well
Cause No. UIC-188

Publication Notices were sent to the following:

Coastal Oil & Gas Corporation
P. O. Box 749
Denver, Colorado 80201-0749

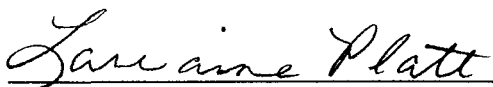
Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Vernal District Office
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

Division of Wildlife Resources
1594 West North Temple, Suite 2110
Salt Lake City, Utah 84114-6301



Lorraine Platt
Secretary
December 16, 1996

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune



DESERET NEWS

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL, GAS & MINING 1594 W NORTH TEMPLE STE # 1210 SALT LAKE CITY UT 84114	D5385340L-07	12/21/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TLCI8200961
SCHEDULE	
START 12/21/96 END 12/21/96	
CUST. REF. NO.	
UIC-188	
CAPTION	
NOTICE OF AGENCY ACTION CAUSE N	
SIZE	
71 LINES 1.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	116.44
TOTAL COST	
116.44	

OFFICE COPY

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-188
BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF COASTAL OIL AND GAS CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE UTE 1-14C6 WELL LOCATED IN SECTION 14, TOWNSHIP 3 SOUTH, RANGE 6 WEST, U.S.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil and Gas Corporation for administrative approval of the Ute 1-14C6 well, located in Section 14, Township 3 South, Range 6 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 4330 feet to 5036 feet (Upper Green River Formation) will be selectively perforated for water injection. A maximum injection pressure will be determined by means of a step-rate test at the time of completion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 16th day of December, 1996.

STATE OF UTAH.

AFFIDAVIT OF PUBLICATION

NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED STATEMENT OF NOTICE OF AGENCY ACTION CAUSE N FOR OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

STARTED ON START 12/21/96 END 12/21/96

SIGNED AND FORWARDED BY *Paula Moore*
DATE 12/21/96

RECEIVED
JAN 2 1997
2001 HIGHLAND ST.
SALT LAKE CITY, UT 84103
My Commission Expires
12/31/99

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

AFFIDAVIT OF PUBLICATION

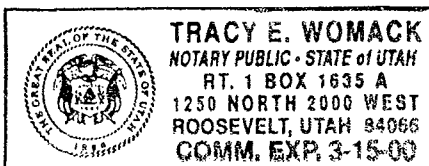
County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the
PUBLISHER of the Uintah Basin Standard, a weekly
newspaper of general circulation, published at
Roosevelt, State and County aforesaid, and that a certain
notice, a true copy of which is hereto attached, was
published in the full issue of such newspaper
for 1 consecutive issues, and that the first
publication was on the 24 day of Dec,
1996, and that the last publication of such notice was
in the issue of such newspaper dated the 24 day
of Dec, 1996

Subscribed and sworn to before me this

24 day of Dec, 1996
Tracy E. Womack

Notary Public



AGENCY
TION
CAUSE NO. UIC-188
IN THE MATTER OF
THE APPLICATION OF
COASTAL OIL AND
GAS CORPORATION
FOR ADMINISTRATIVE
APPROVAL OF THE
UTE 1-14C6 WELL LO-
CATED IN SECTION 14,
TOWNSHIP 3 SOUTH,
RANGE 6 WEST, U.S.M.,
DUCHESNE COUNTY,
UTAH, AS A CLASS II
INJECTION WELL THE
STATE OF UTAH TO
ALL PERSONS INTER-
ESTED IN THE ABOVE
ENTITLED MATTER.

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that the Division of Oil,
Gas and Mining (the "Di-
vision") is commencing an
informal adjudicative pro-
ceeding to consider the
application of Coastal Oil
and Gas Corporation for
administrative approval of
the Ute 1-14C6 well, lo-
cated in Section 14, Town-
ship 3 South, Range 6
West, U.S.M., Duchesne
County, Utah, for conver-
sion to a Class II injection
well. The proceeding will
be conducted in accor-
dance with Utah Admin.
R. 649-10, Administrative
Procedures.

The interval from 4330
feet to 5036 feet (Upper
Green River Formation)
will be selectively perfor-
ated for water injection.
The maximum injection
pressure will be deter-
mined by means of a step-
rate test at the time of con-
version.

Any person desiring to
object to the application
or otherwise intervene in
the proceeding, must file a
written protest or notice of
intervention with the Di-
vision within fifteen days
following publication of
this notice. If such a pro-
test or notice of interven-
tion is receiving, a hearing
will be scheduled before
the Board of Oil, Gas and
Mining. Protestants and/
or intervenors should be
prepared to demonstrate at
the hearing how this mat-
ter affects their interests.

Dated this 16th day of
December 1996.

State of Utah Division
of Oil, Gas & Mining
R.J. Firth, Associate
Director, Oil & Gas
Published in the Uintah
Basin Standard December
24, 1996.

OFFICE COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK RE-ENTRY <input type="checkbox"/> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-3809
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER SWD SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		7. UNIT AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455		8. FARM OR LEASE NAME Ute
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1939' FNL & 2115' FEL At proposed prod. zone		9. WELL NO. #1-14C6
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 7 miles NW of Duchesne, Utah		10. FIELD AND POOL, OR WILDCAT Cedar Rim
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1939'	16. NO. OF ACRES IN LEASE 640	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NE Sec. 14-T3S-R6W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 10,630'	19. PROPOSED DEPTH 10,630'	12. COUNTY OR PARISH Duchesne Co.
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5878' GR		13. STATE Utah
22. APPROX. DATE WORK WILL START* Upon Approval		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached procedure.				

Please see attached conversion procedure, present wellbore schematic, and affidavit of surface inspection topo map. Please note that Coastal Oil & Gas Corporation's proposed Ute #1-14C6 SWD well was originally drilled and P&A'd as the Texaco Ute Tribal #D-1. Coastal acquired the present lease from Linmar in July of 1994.

Coastal Oil & Gas Corporation is considered to be the Operator of the above described well. Coastal agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43CFR3104 for lease activities is being provided by Coastal Oil & Gas Corporation under State of Utah Bond #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #114066-A.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Sheila Bremer TITLE Environmental & Safety Analyst DATE 12/19/96

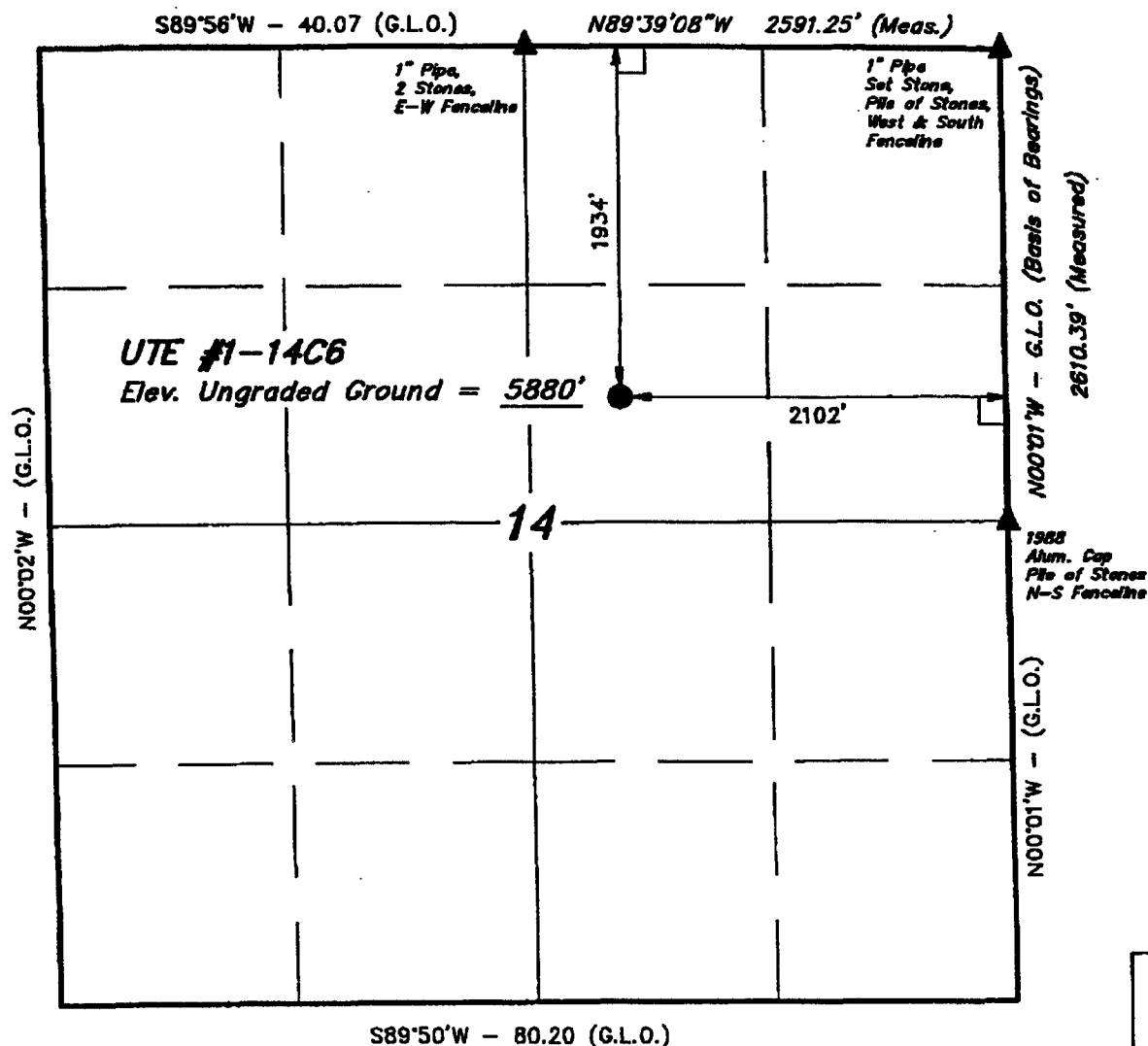
(This space for Federal or State office use)

PERMIT NO. 43-013-30056 APPROVAL DATE DEC 23 1996
APPROVED BY John R. Baya TITLE Associate Director DATE 8/26/97
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T3S, R6W, U.S.B.&M.

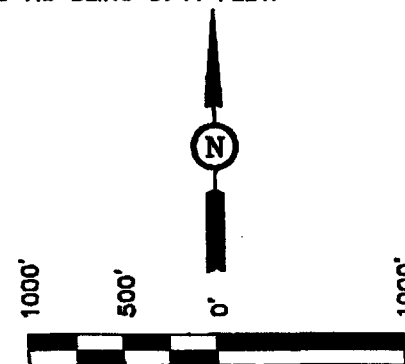


COASTAL OIL & GAS CORP.

Well location, UTE #1-14C6, located as shown in the SW 1/4 NE 1/4 of Section 14, T3S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSECTION IN THE NW 1/4 OF SECTION 25, T3S, R6W, U.S.B.&M. TAKEN FROM THE RABBIT GULCH QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5744 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 181319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 12-18-96	DATE DRAWN: 12-19-96
PARTY D.K. K.S. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	

UTE #1-14C6
1939' FNL & 2115' FEL
SW/NE, SECTION 14-T3S-R6W
DUCHESNE COUNTY, UTAH
LEASE NUMBER: 14-20-H62-3809

ONSHORE ORDER NO. 1
ANR PRODUCTION COMPANY

DRILLING PROGRAM

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved Plan of Operations. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Lower Green River	6,208'
Wasatch	7,838'
Total Depth	10,630'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil	Lower Green River	6,208'
Gas	Lower Green River	6,208'
Water	N/A	
Other Minerals	N/A	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. **Pressure Control Equipment:** (Schematic Attached)

Coastal Oil & Gas Corporation's minimum specifications for pressure control equipment are as follows:

- Shaffer hydraulic double gate, 12" 3,000 psi BOP. Service pressure is 3,000 psi. This BOP will be tested to 2,000 psi. *This BOP was will used through the first four steps of the attached re-entry procedure, to the depth where the casing patch is landed.*

- Shaffer hydraulic double gate, 10" 3,000 psi BOP. Service pressure is 3,000 psi. This BOP will be tested to 2,000 psi.
- Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.
- Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.
- As a minimum, the above test will be performed when initially installed, whenever any seal subject to test pressure is broken, following related repairs, or at 30-day intervals.
- Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.
- When testing the kill line valve(s), the check valve shall be held open or the ball removed.
- Annular preventers shall be functionally operated at least weekly.
- Pipe and blind rams shall be activated each trip; however, this function need not be performed more than once a day.
- A BOPE pit level drill shall be conducted weekly for each drilling crew.
- Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection shall be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and the rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area uses a 2,000 psi working pressure blowout preventer.

- b. A choke line and a kill line are to be properly installed. The kill line is not be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. **Proposed Casing and Cementing Program:**

This well was plugged and abandoned on 6/15/78. The data below describes the casing as it was originally set and described in the Completion Report submitted by the operator, TEXACO, Inc., on 7/26/71.

- a. The Casing Program is as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/ft</u>	<u>Cementing Record</u>
Surface	0-600'	17-1/2"	13-3/8"	54.5#	600 sx
Drlg Liner	7,825'	12-1/4"	9-5/8"	40#	850 sx
Prod Liner	7,333-10,622'		7"	17#	750 sx

The re-entry procedure for this well is specified in the drilling procedure described in the attachment at the end of this Drilling Program.

- b. The Cement Program will be as follows: *The original cement is in place.*

The 9-5/8" casing patch, landing collar, and casing will be cemented in place with approximately 230 sacks of Class "G" cement.

Cementing information is included in the previous section describing casing. Because the casing patch was landed, no cement will be used in the re-entry procedure.

- c. The following reports shall be filed with the District Manager within 30 days after the work is completed:
 - 1. Progress reports, Form 3160-5, "Sundry Notices and Reports on Wells," must include the following information:
 - a) Setting of each string of casing showing the size, grade, weight of casing set, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.
 - b) A bond log will be submitted for the production liner. Bond logs will not be run on the other strings as cement is not able to be lifted to surface.

d. Auxiliary equipment to be used as follows:

1. Kelly cock.
2. No bit float is deemed necessary.
3. A sub with a full opening valve.

5. **Drilling Fluids Program:**

a.	<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>
	0-10,630'	Gelled fresh water mud	8.3-9.3	60

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and pH.

- b. Mud monitoring equipment will be checked periodically each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

6. **Evaluation Program:**

a. Logging Program:

CBL/GR/CCL 5,250' - Top of casing

The Evaluation Program may change at the discretion of the well site geologist.

Drill stem tests, if they are run, will adhere to the following requirements:

Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the Authorized Officer. Closed chamber DST's may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

- b. Whether the well is completed as a dry hole or a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer.
- c. No stimulation or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities. Any frac treatment program specifics will be submitted via sundry notices.

7. **Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered in or known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 4,252 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,913 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates and Notification of Operations:**

a. Drilling Activity

Anticipated Commencement Date:	Upon approval of this application.
Drilling Days:	Approximately 20 days.
Completion Days:	Approximately 7 days.

b. Notification of Operations

The BLM in Vernal, Utah, will be notified at least 24 hours prior to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the Authorized Officer. If operations are to be suspended, prior

approval of the Authorized Officer will be obtained and notification given before resumption of operations.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

Should the well be successfully completed for production, the Authorized Officer will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method, accompanied by water analysis and other required information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the District Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4).

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Authorized Officer. A "Subsequent Report of Abandonment," Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

UTE 1-14C6
Section 14 T3S R6W
Altamont Field
Duchesne Co. Utah

PROCEDURE:

1. MIRU PU. Drill out surface plug w/a 12-1/4" milltooth bit. Wash down top of cut-off csg stub @ 600'. POOH.
2. RIH w/8-1/2" milltooth bit, DC's on 2-7/8" tbg. Cleanout 9-5/8" csg to 700'. POOH.
3. RIH w/9-7/8" type B rotary shoe. Dress of top of 9-5/8" csg stub. POOH.
4. RIH w/9-5/8" csg patch, landing collar and approx 600' of 9-5/8" N-80 csg. Cmt in place w/230 sx. Call Howco for cmt recommendation.
5. RIH w/8-1/2" bit . Drill out landing collar. PT patch to 2000 psi. Con't RIH and circ out 10# mud. Drill out cmt from 4554-5250'. Circ hole clean. POOH.
6. MIRU Wireline Co. Run CBL/GR/CCL from 5250' to TOC. Perforate the Upper Green River intervals w/a 4" csg gun loaded w/4 JSPF. Intervals will be selected after CBL evaluation.
7. RIH w/retr pkr on 2-7/8" tbg. Swab test interval. Submit water samples for analysis.
8. Acidize interval w/15% HCL. Swab back load. Est inj rate. POOH
9. RIH w/Loc-Set pkr. w/profile nipple. on-off tool on 2-7/8" fiberglasss lined tbg. Set pkr approx 100' above top perf. PT csg to 1000 psi.
10. RDMOSU

UTE TRIBE #1-14C6

Well History

- 05/71 Initial Completion.
Perf'd from 9570'-9700', 2 spf. Acidized w/10,000 gals 15% HCl.
Perf'd from 8786'-8854', 8888'-8930', 8970'-90', 9032'-75'; 9190'-9260', 2 spf.
Acidize w/10,000 gals 15% HCl.
Well Flowed: 1212 BOPD, 0 BWPD, 2857 MCFPD
FTP: 625 psi, 34/64" chk
- 07/71 CO fill to 9420'.
Perf'd from 7900'-30', 8030'-40', 8570'-8612', 8930'-54', 9075'-9118', 2 spf. Set RBP @ 8640' and acidize perms from 7900' to 8612' w/8000 gals 15% HCl. Rls RBP @ 8640' and POOH. Run csg free dydraulic lift system.
Well Pumped: 1068 BOPD, 0 BWPD, 1250 MCFPD
- 01/73 CO to 9572'. Set CIBP @ 9550' w/2 sx cmt on top.
Perf'd through tbg 9484'-9510', 9440'-56', 9370'-9400', 9314'-9322', 1 JSPF.
Acidize perms from 9314'-9510' w/9000 gals 15% HCl.
- 03/73 Cmt sqz'd perms from 7900'-30' and 8030'-40' w/300 sx cmt. Cmt sqz'd perms from 8570'-8612' w/100 sx cmt.
Perf through tbg, 2 JSPF, 8695', 8699', 8727', 8743', 8748', 8793', 8839', 8853', 8921', 8927', 9047', 9061', 9073', 9211', 9237', and 9245'.
Acidized perms from 8786' through 9245' w/15,000 gals 15% HCl.
- 07/77 Spot 400' (70 sx) cmt on top of fish @ 8509'. Spot 300' (75 sx) plug half in and out of 7" liner @ 7333'. Tag cmt @ 8230'. Spot 75 add'l sx of cmt across liner. Tag cmt @ 7245'. Perf 4 sqz holes @ 5300'-5303'. Set cmt ret @ 5280'. Pmp 500 sx below retainer.
Perf'd, 2 spf, 5187'-92', 5178'-82', 5168'-73', 5078'-84', 5036'-64', 4958'-66', 4874'-90', 4342'-50', 4788'-96', 4752'-58', 4730'-40'. Injected perms from 4730' to 5192' w/8000 gals mud and silt remover.
Prior Production: 0 BOPD, 0 BWPD
Post Production: 0 BOPD, 1040 BWPD (13 hrs)
- 06/78 Pump 200 sx cmt into perms. Tag cmt @ 4750'. Spot 60 sx cmt @ 4680'. Tag cmt @ 4554'. Shot off 9e" csg @ 600'. Fill hole w/10 ppg mud. Pump 100 sx cmt plug inside 9e" csg stub and btm of 138" surf csg. Spot 20 sx surf plug in top of 138" csg w/dry hole marker. Well abandoned 06/15/78.

PRESENT WELLBORE SCHEMATIC

UTE TAIBE #1-14CC

P4A'D 6/15/78

(TEXACO - OPERATOR)

S.C. Prutch

1/24/96

13 3/8" 54.5" K-55
@ 600' CMT'D
w/ 600 SKS
TO SURF

25' CMT plug @ SURFACE

10" MHD

9 5/8" CSG CUT @ 600'
CMT PLUG FROM
735' TO 465'

NOTE

SITE WAS RESEEDER
AND INSPECTED BY
STATE OF UTAH
5/3/83

260 SKS
CEMENT pumped
INTO PERFS BELOW A
PACKER.

TOC @ 4554'

Perfs FROM 4730' TO 5192'; 2SPF

4 SQE HOLES 5300'-5303' (CMT RETAINER @ 5280)
Pumped 500 SKS ACHING PIPE

TOC
7245'

CMT PLUG FROM
7245' TO 7483'

7333' TOL (BROWN HANGER w/ 6' SLEEVE)

9 5/8" 40" S-95 + N-80

7825' CMT'D w/ 850 SKS
Good RETAINER

NOTE: Zone of Interest: 7840-70'

7825' Top Perf @ 7900'

TOC @ 8109

Fixing Hole @
8509 w/ 70 SKS
CMT ON TOP

Perfs FROM 7900'
TO 9510' (NOTE: INTERVAL 8570-8617 sq ft w/ 100 SKS
INTERVALS 7900-80, 8030-40 sq ft w/ 300 SKS)

Grm Perf @ 9510'

CIBP @ 9550' w/ 2 SKS CMT ON TOP

Perfs
FROM 9570-9700'
2SPF

PBTD @ 9800

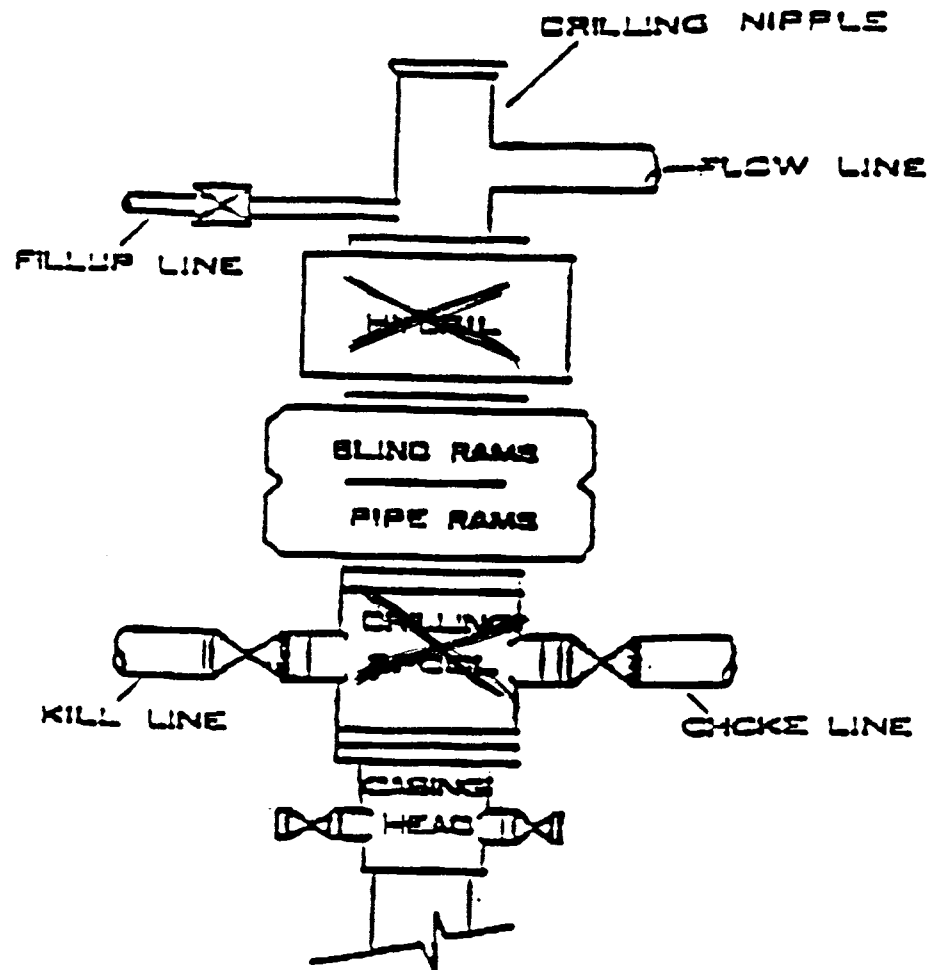
7" 26", 29", 32" N-80

7333' TO 10,622'
CMT'D w/ 750 SKS

10,622'

TD: 10,630'

BOF STACK



2,000 PSI

No hydril or drilling spool
is present in the
type of BOP used.

**UTE #1-14C6
1939' FNL & 2115' FEL
SW/NE, SECTION 14-T3S-R6W
DUCHESNE COUNTY, UTAH
LEASE NUMBER: 14-20-H62-3809**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

Notification Requirements

Location Construction:	48 hours prior to construction of location and access roads.
Location Completion:	Prior to moving the drilling rig.
Spud Notice:	At least 24 hours prior to spudding the well.
Casing String & Cementing:	24 hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests:	24 hours prior to initiating pressure tests.
First Production Notice:	Within 5 days after new well begins or production resumes after well has been off production for more than 90 days.

This well was initially drilled by TEXACO and completed on 5/29/71. It was bought by Coastal Oil and Gas Corporation as part of an acquisition from Linmar in 1/95. The well was plugged and abandoned on 6/15/78. *No further disturbance of the surface will be necessary in order to re-enter the wellbore.*

1. **Existing Roads:**

The proposed well site is approximately 7 miles northwest of Duchesne, Utah.

Attached is a copy of the location of the wellbore.

There will be no improvements to existing access roads.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

No new access roads will be required.

3. **Location of Existing Wells Within a 1-Mile Radius:** See Map Exhibit B.

a. Water wells - 0

- b. Producing wells - 6
- c. Drilling wells - 0
- d. Shut-in wells - 0
- e. Temporarily abandoned wells - 0
- f. Disposal wells - 0
- g. Abandoned wells - 0
- h. Injection wells - 0

4. **Location of Existing and Proposed Facilities:**

The following guidelines will apply if the well is productive.

- a. A diagram showing the proposed production facilities will be submitted via Sundry Notice Form 3160-5 prior to facilities installation.
- b. All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.
- c. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.
- d. All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

- e. If, at any time, the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to the appropriate rental or other financial obligation, as determined by the Authorized Officer.
- f. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.
- g. There are no proposed pipelines.

5. **Location and Type of Water Supply:**

All water needed for drilling purposes will be obtained from:

City of Duchesne Culinary Water System

Sections 1 and 2, T4S-R5W

Under the existing water rights held by the City of Duchesne, Utah.

Water will be hauled to location over the roads marked on the attached "Road Map."

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.

No construction materials will be removed from Federal/Indian lands without prior approval from the appropriate surface management agency.

7. **Methods of Handling Waste Materials:**

a. Drill cuttings will be contained and buried in the reserve pit.

b. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

c. The reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

The reserve pit shall be lined and will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

d. After first production, produced waste water will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the Authorized Officer's approval.

- e. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- f. A chemical porta-toilet will be furnished with the drilling rig.
- g. Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.
- h. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

- i. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). It represents a typical location layout.

There will be no additional surface disturbance associated with the re-entry of this well.

- a. Access will be from the northwest.
- b.. All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

- f. The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **Plans for Reclamation of the Surface:**

a. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced, liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Arrangements are being negotiated between the landowner(s) and the Operator defining the specific requirements for surface reclamation. Notification will be submitted via Sundry Notice Form 3160-5 when landowner negotiations are complete.

b. Dry Hole/Abandoned Location:

On lands administered by the BLM, abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

- a. Well Pad - The well is located on lands owned by:

- State of Utah Division of Wildlife Resources

Coasatal Oil & Gas Corporation is currently negotiating with the Division of Wildlife Resources concerning right-of-way and permission to inject. A copy of the final agreement will be forwarded to the Vernal District BLM office when signatures are obtained..

12. **Other Information:**

- a. All previous surveys concerning cultural resouces were conducted when the well was initially drilled. All clearances are still in effect.
- b. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.
- c. The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides or other pesticides or possibly hazardous chemicals.
- d. Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. If BLM authorization is obtained, such storage is only a temporary measure.
- e. No work will be done on the location until negotiations with the landowner(s) are complete.
- f. No further work will proceed on this well until the necessary approvals are obatined.

13. **Lessee's or Operators's Representative and Certification:**

Bonnie Carson
Senior Environmental Analyst
Coastal Oil & Gas Corporation
P.O. Box 749
Denver, CO 80201-0749
(303) 573-4455

John Martin
Vice President Drilling
(713) 877-6806

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the operator, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Bonnie Carson

12/18/96

Date

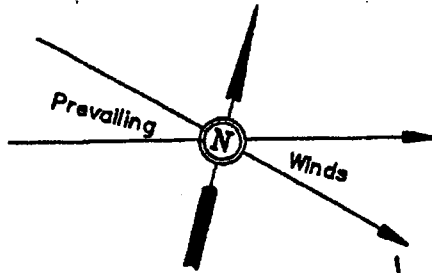
COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

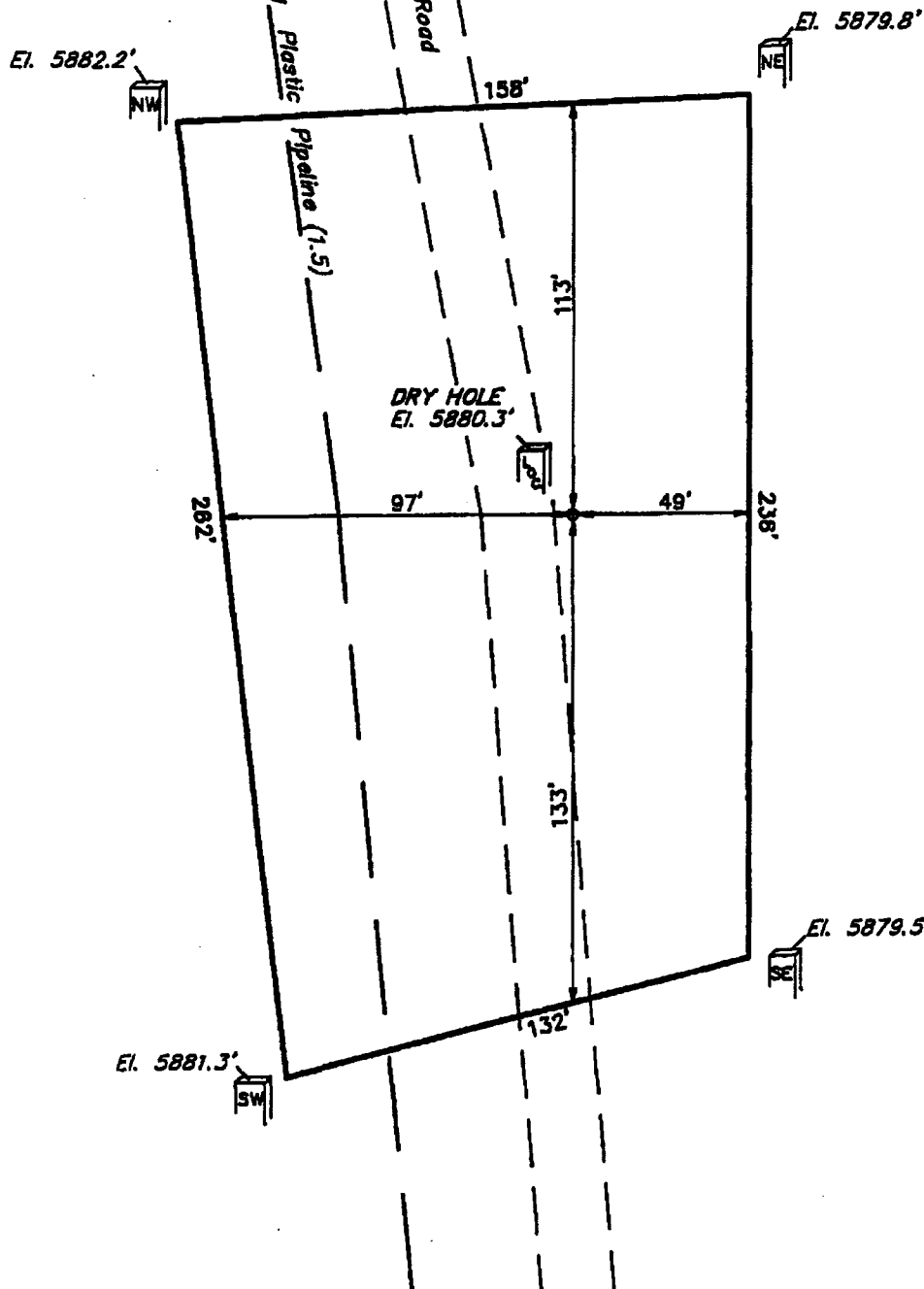
UTE #1-14C6

SECTION 14, T3S, R6W, U.S.B.&M.

1934' FNL 2102' FEL



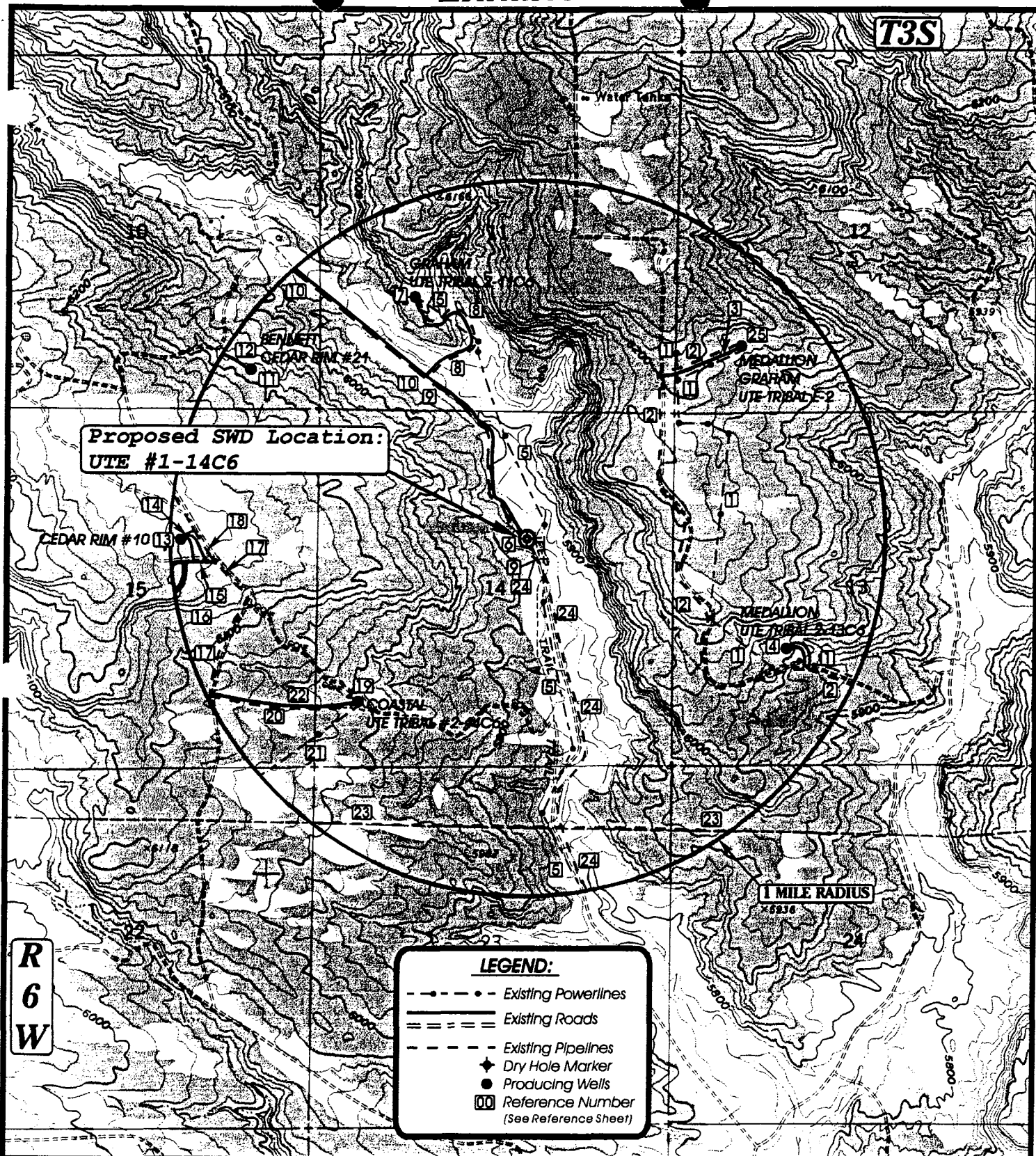
SCALE: 1" = 50'
DATE: 12-19-96
DRAWN BY: D.R.B.



Elev. Ungraded Ground At Loc. Stake = 5880.3'

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah

Exhibit B



TOPOGRAPHIC MAP
ATTACHMENT TO
AFFIDAVIT OF SURFACE INSPECTION

DATE: 11-5-96
Drawn by: D.COX

COASTAL OIL & GAS CORP.

UTE #1-14C6
SECTION 14, T3S, R6W, U.S.B.&M.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 2000'

T3S

Proposed SWD Location:
UTE #1-14C6

5

6

9

24

24

14

5900

1/4 MILE RADIUS

LEGEND:

- - - - - Existing Powerlines
- == == == Existing Roads
- - - - - Existing Pipelines
- ◆ Dry Hole Marker
- Producing Wells
- 00 Reference Number
(See Reference Sheet)

**TOPOGRAPHIC MAP
AREA OF REVIEW**

DATE: 11-6-96
Drawn by: D.COX

DAH ENGINEERING & LAND SURVEYING
220 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 500'

COASTAL OIL & GAS CORP.

UTE #1-14C6
SECTION 14, T3S, R6W, U.S.B.&M.

COASTAL OIL & GAS CORP.

UTE #1-14C6

SECTION 14, T3S, R6W, U.S.B.&M.

*ATTACHMENT TO AFFIDAVIT
OF SURFACE INSPECTION*

REFERENCE SHEET

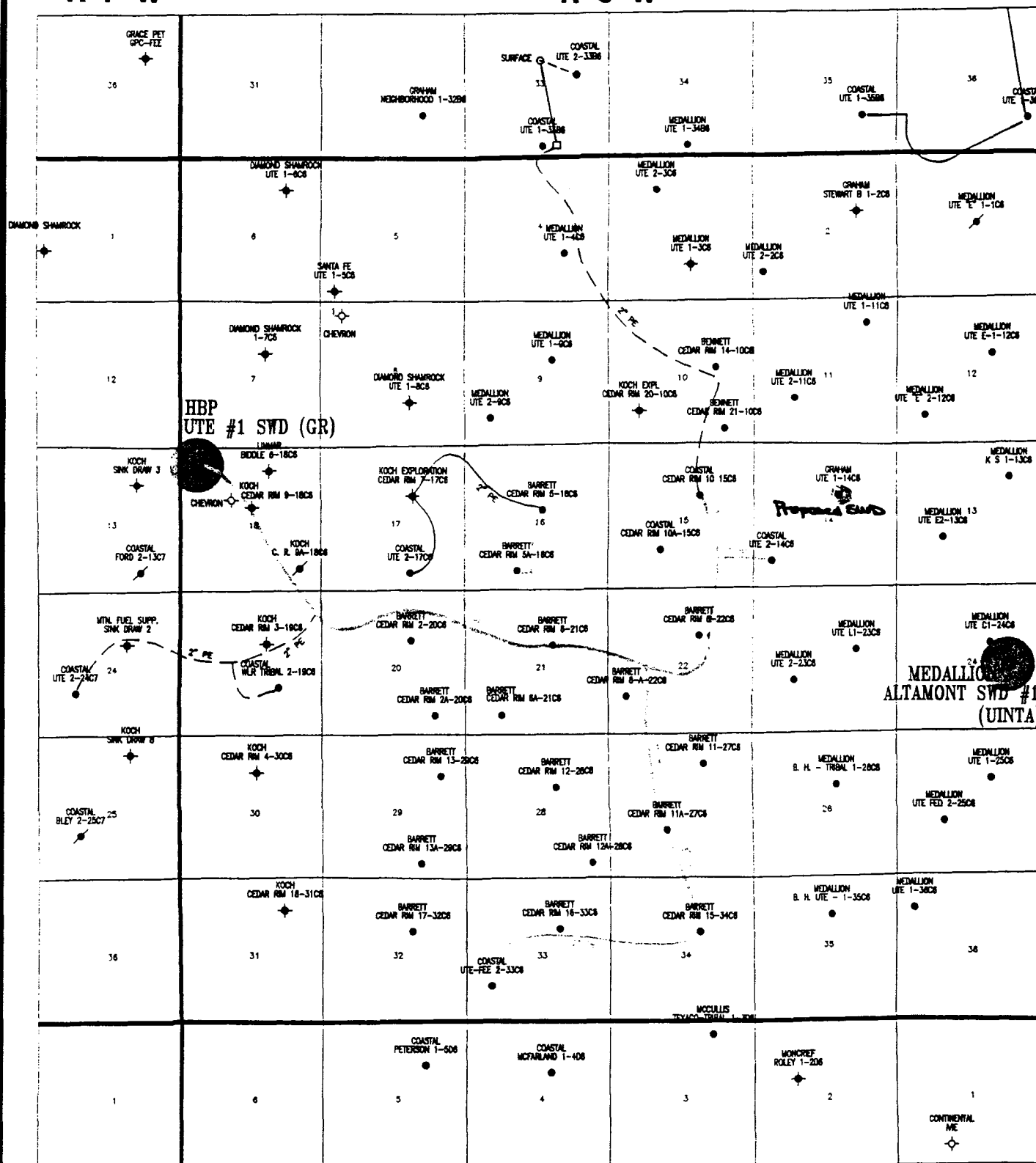
- 1- EXISTING POWER LINE
- 2- (3) SURFACE PIPELINES: 6", 2" & 2 7/8
- 3- EXISTING ACCESS ROAD
- 4- PRODUCING WELL: MEDALLION - UTE TRIBAL #2-13C6
- 5- EXISTING POWER LINE
- 6- DRY HOLE MARKER: TEXACO - UTE TRIBE D#1
- 7- PRODUCING WELL: MEDALLION - UTE TRIBAL #2-11C6
- 8- (3) SURFACE PIPELINES: 4", 2" STEEL & 2" PLASTIC
- 9- (1) SURFACE PIPELINE: 2" PLASTIC
- 10- (2) SURFACE PIPELINES: 4" & 2" STEEL
- 11- PRODUCING WELL: BENNETT - CEDAR RIM #21
- 12- EXISTING ACCESS ROAD
- 13- PRODUCING WELL: CEDAR RIM #10
- 14- (3) SURFACE PIPELINES: 6", 2" STEEL & WRAPPED FIBERGLASS PIPELINE
- 15- (1) PIPELINE: 2" PLASTIC
- 16- (3) SURFACE PIPELINES: 2" STEEL & 2", 4" WRAPPED IN TIN
- 17- (3) SURFACE PIPELINES: 6", 2" STEEL & 2" PLASTIC WRAPPED IN FIBERGLASS
- 18- (3) SURFACE PIPELINES: 6", 2" STEEL & WRAPPED FIBERGLASS PIPELINE
- 19- PRODUCING WELL: COASTAL - UTE TRIBAL #2-14C6
- 20- (3) SURFACE PIPELINES: 4", 2" STEEL & 2" PLASTIC
- 21- EXISTING POWER LINE
- 22- EXISTING ACCESS ROAD
- 23- COASTAL - ANR: BURIED HIGH PRESSURE GAS LINE
- 24- (1) BURIED PIPELINE: 4" STEEL
- 25- PRODUCING WELL: MEDALLION - UTE TRIBAL E-2

R 6 W

T2S

T
3
S

T4S



<u>LEGEND</u>	
COASTAL 2" PIPELINE	PERMECOAL 2" PIPELINE
COASTAL 2 1/8" PIPELINE	PERMECOAL 2 1/8" PIPELINE
COASTAL 2 7/8" PIPELINE	PERMECOAL 2 7/8" PIPELINE
COASTAL 3" PIPELINE	PERMECOAL 3" PIPELINE
COASTAL 3 1/8" PIPELINE	PERMECOAL 3 1/8" PIPELINE
COASTAL 4" PIPELINE	PERMECOAL 4" PIPELINE
COASTAL 4" PIPELINE	SEP SUB LINE
COASTAL 6" PIPELINE	PRODUCTION FLOW LINE
COASTAL 6 6/8" PIPELINE	INTO BATTERY
COASTAL 10" PIPELINE	STD WELLS
COASTAL PROPOSED	COASTAL OPERATED WELLS



Coastal Oil & Gas Corporation
A SUBSIDIARY OF THE COASTAL CORPORATION
The Energy People

ALTAMONT FIELD
DUCHENSE COUNTY UTAH

**SWD SYSTEM
CEDAR RIM AREA**

M.D. ROBERT

SEPTEMBER 1900

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
RE-ENTRY ☐ DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SWD ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1939' FNL & 2115' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 7 miles NW of Duchesne, Utah

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1939'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

10,630'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5878' GR

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached procedure.				

Please see attached conversion procedure, present wellbore schematic, and affidavit of surface inspection topo map. Please note that Coastal Oil & Gas Corporation's proposed Ute #1-14C6 SWD well was originally drilled and P&A'd as the Texaco Ute Tribal #D-1. Coastal acquired the present lease from Linmar in July of 1994.

Coastal Oil & Gas Corporation is considered to be the Operator of the above described well. Coastal agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43CFR3104 for lease activities is being provided by Coastal Oil & Gas Corporation under State of Utah Bond #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #114066-A.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Sheila Bremer

TITLE Environmental & Safety Analyst

DATE 12/19/96

(This space for Federal or State office use)

PERMIT NO. 43-013-30056

APPROVAL DATE

APPROVED BY John R. Baya

TITLE Associate Director

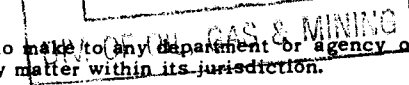
DATE

8/26/97

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



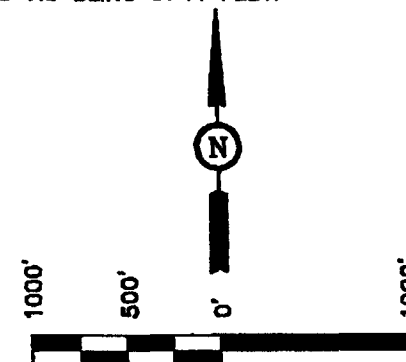
T3S, R6W, U.S.B.&M.

COASTAL OIL & GAS CORP.

Well location, UTE #1-14C6, located as shown in the SW 1/4 NE 1/4 of Section 14, T3S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSECTION IN THE NW 1/4 OF SECTION 25, T3S, R6W, U.S.B.&M. TAKEN FROM THE RABBIT GULCH QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5744 FEET.



SCALE

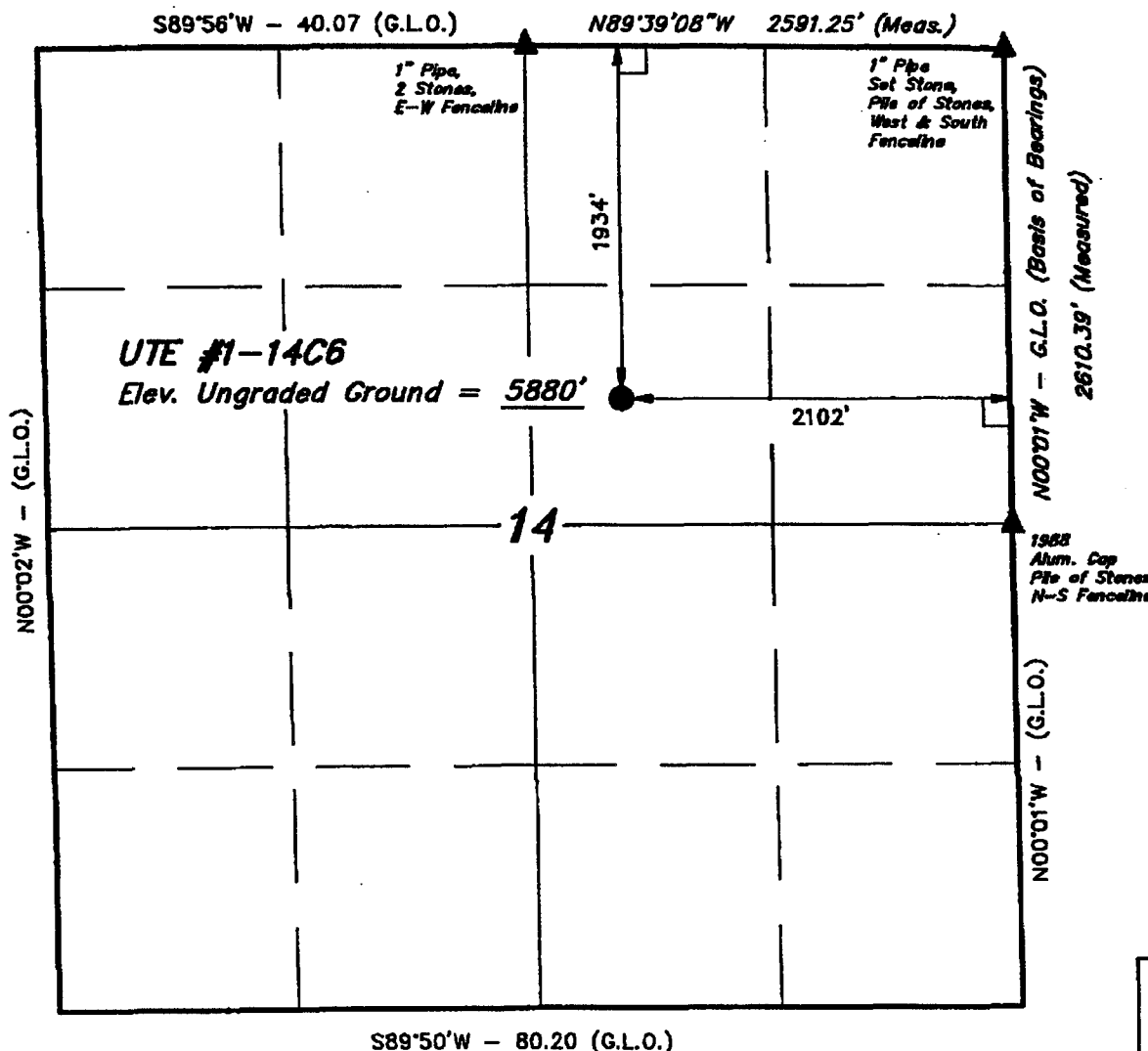
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 181319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-18-96	DATE DRAWN: 12-19-96
PARTY D.K. K.S. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/23/96

API NO. ASSIGNED: 43-013-30056

WELL NAME: UTE TRIBAL 1-14C6

OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:

SWNE 14 - T03S - R06W
SURFACE: 1939-FNL-2115-FEL
BOTTOM: 1939-FNL-2115-FEL
DUCHESNE COUNTY
ALTAMONT FIELD (055)

LEASE TYPE: IND

LEASE NUMBER: 14-20-H62-3809

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering	JRB	8/26/97
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 114066-A)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number CITY OF DUCHESNE)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

____ R649-2-3. Unit: _____
____ R649-3-2. General.
____ R649-3-3. Exception.
☒ Drilling Unit.
Board Cause no: 139-42
Date: 4/12/95

} only for
prod. well

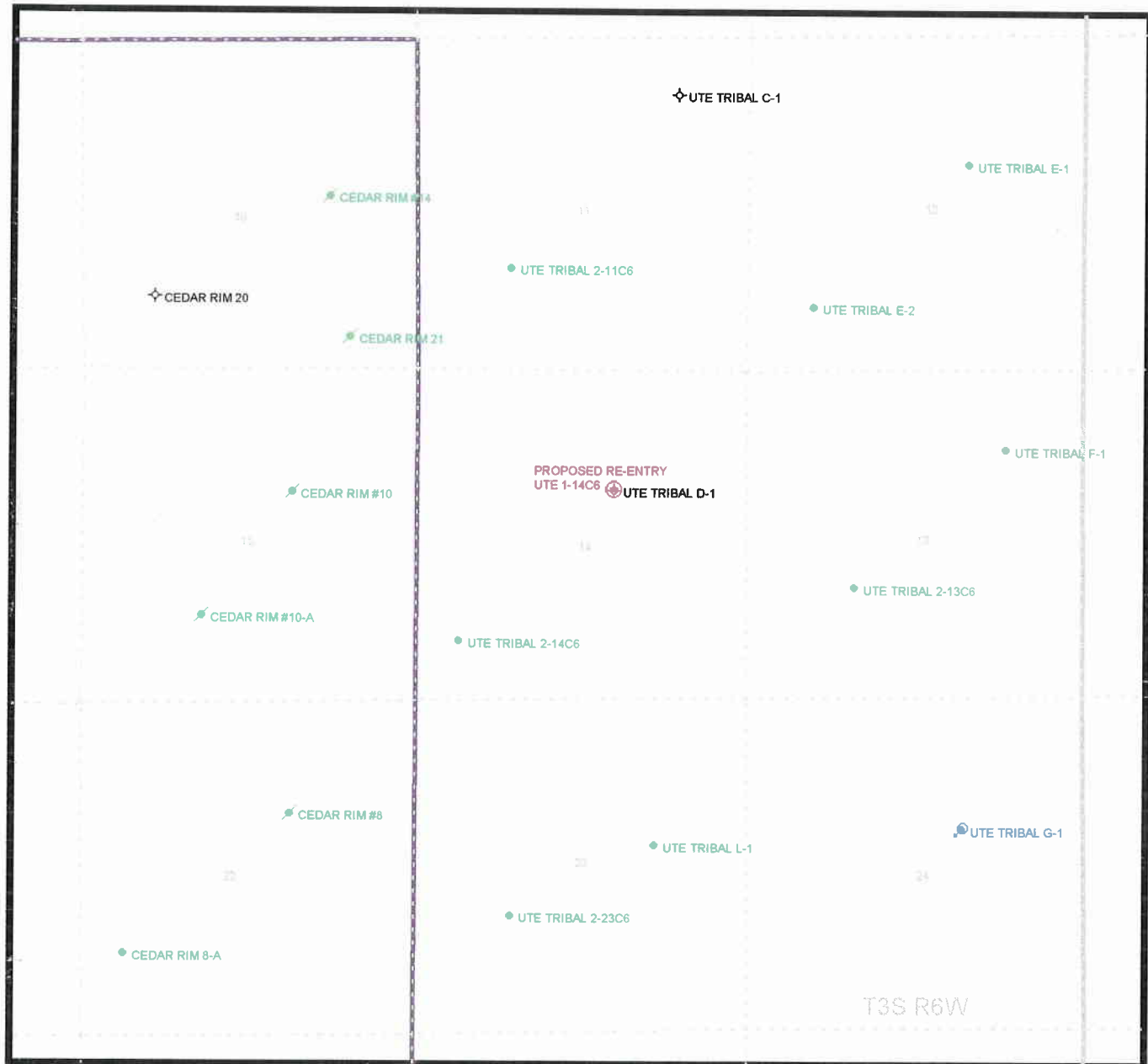
COMMENTS: Re-entry procedure - Casing OK, cement slip needed, BOP OK.
SWD well application needed.

STIPULATIONS: 1. Cement slip. - 9 5/8" casing.
2. SWD well slip - UIC application.

*970917 BIA "Montah's Ovary Agency" Lease active/Held by Production
therefore bonding provided under BIA Bond No. 114066-A.

No bonding in place with "Div. of Wildlife Resources" as per Brent Hutchings X4750.
If lease terminates, or is no longer held by production then bonding for well would
then be covered under the Fee Bond No. 46053821 (\$80,000).

OPERATOR: COASTAL OIL & GAS
FIELD: ALATOMONT
SEC, TWP, RNG: 14, 3S, 6W
COUNTY: DUCHESNE
UAC: CAUSE 140-6 11-AUG-71



PREPARED:
DATE: 23-DEC-96



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

DJS
*I sent copy to
well file*

February 10, 1997

Coastal Oil and Gas Corporation
600 17th Street, Suite 800 South
Denver, Colorado 80201

Re: Ute #1-14C6 well, Section 14, Township 3 South, Range 6 West, Duchesne County,
Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Coastal Oil and Gas Corporation.
3. A representative water sample shall be swabbed from the proposed injection zone and analyzed for total dissolved solids content. If the water quality of the zone is less than 10,000 mg/l total dissolved solids, Coastal will be required to pursue an aquifer exemption in accordance with Utah Admin. Code R649-5-4.
4. A step-rate test shall be conducted at the time of conversion to determine the maximum allowable injection pressure.
5. Approval to re-enter the well shall be obtained from all appropriate agencies including the surface owner, prior to conducting any conversion operations.


Page 2

Coastal Oil and Gas Corporation
Injection Conversion Approval

6. Coastal shall notify the Division 48 hours prior to commencing any tests or conversion activities.
7. A mechanical integrity test shall be run at the time of conversion and prior to injection.

A final permit to inject will be issued when all of the above conditions have been fulfilled. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Firth', is written over the typed name.

R. J. Firth
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Rick Larsen, DWR



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)



To: Carol
Copy to well file
Date Sent to File: 2-11-97

February 10, 1997

Coastal Oil and Gas Corporation
600 17th Street, Suite 800 South
Denver, Colorado 80201

Re: Ute #1-14C6 well, Section 14, Township 3 South, Range 6 West, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

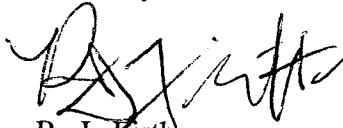
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Page 2
Coastal Oil and Gas Corporation
Injection Conversion Approval

6. Coastal shall notify the Division 48 hours prior to commencing any tests or conversion activities.
7. A mechanical integrity test shall be run at the time of conversion and prior to injection.

A final permit to inject will be issued when all of the above conditions have been fulfilled. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Firth', is written over the typed name.

R. J. Firth
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Rick Larsen, DWR



Telephone (801) 788-4327

Water Analysis Report

Company: COASTAL

PROJECT NO: 960868.12

Address:

Field/Lease: 3-18A3 TREATER (LGR)

Report For: BILL McGAUGHEY

cc. MARC EARNEST

Date Sampled: 9/10/96

cc. SAM PRUTCH

Date Received: 9/10/96

cc. MIKE ANGUS

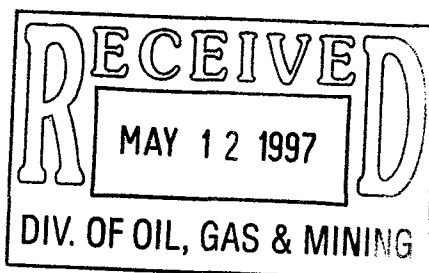
Date Reported: 9/13/96

Service Engineer: ED SCHWARZ

Chemical Component	3-18A3
Chloride (mg/l)	12,600
Sulfate (mg/l)	108
Carbonate (mg/l)	60
Bicarbonate (mg/l)	891
Calcium (mg/l)	344
Magnesium (mg/l)	107
Iron (mg/l)	12.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	8,007
pH	8.19
Ionic Strength	0.39
Specific Gravity	1.020
SI@20C (68F)	1.16
SI@25C (77F)	1.27
SI@30C (86F)	1.39
SI@40C (104F)	1.64
SI@50C (122F)	1.80
SI@60C (140F)	2.18
SI@70C (158F)	2.39
SI@80C (176F)	2.75
SI@90C (194F)	3.05
TDS (mg/l)	22,129
Temperature (F)	
Dissolved CO2 (ppm)	0
Dissolved H2S (ppm)	54
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

30



Analyst: K. Hawkins

lab tech: tech. service: sales:



Telephone (801) 789-4327

Water Analysis Report

Company: COASTAL

PROJECT NO: 960868.8

Address:

Field/Lease: 2-12A4 TREATER (LGR)

Report For: BILL McGAUGHEY

cc. MARC EARNEST

Date Sampled: 9/10/96

cc. SAM PRUTCH

Date Received: 9/10/96

cc. MIKE ANGUS

Date Reported: 9/13/96

Service Engineer: ED SCHWARZ

Chemical Component	2-12A4
Chloride (mg/l)	6,400
Sulfate (mg/l)	1,713
Carbonate (mg/l)	0
Bicarbonate (mg/l)	1,268
Calcium (mg/l)	240
Magnesium (mg/l)	24
Iron (mg/l)	3.0
Barium (mg/l)	
Strontium (mg/l)	
Sodium (mg/l)	5,127
pH	8.04
Ionic Strength	0.26
Specific Gravity	1.015
SI@20C (68F)	1.18
SI@25C (77F)	1.30
SI@30C (86F)	1.42
SI@40C (104F)	1.68
SI@50C (122F)	1.83
SI@60C (140F)	2.17
SI@70C (158F)	2.34
SI@80C (176F)	2.68
SI@90C (194F)	2.95
TDS (mg/l)	14,775
Temperature (F)	
Dissolved CO2 (ppm)	53
Dissolved H2S (ppm)	27
Dissolved O2 (ppm)	N/D

AMMONIA: PPM

160

Analyst: K. Hawkins

lab tech: RLCtech. service: Mrsales: ES

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.
14-20-H62-3809

6. If Indian, Allottee or Tribe Name
Ute Tribe

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Ute 1-14C6

9. API Well No.
43-013-30056

10. Field and Pool, or exploratory Area
Cedar Rim

11. County or Parish, State
Duchesne Co. Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

SWD.....

2. Name of Operator

Coastal Oil & Gas CorporationSWD

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1939' FNL & 2115' FEL

SW/NE Section 14-T3S-R6W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other Road & Equip Location



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

An on-site inspection for the subject well was held 2/20/97 with the following individuals in attendance:

Dennis Ingram - State of Utah, Div. of Oil, Gas & Mining

Jack Lytle - State of Utah, Div. of Wildlife Resources

Robert Kay - Uintah Engineering & Land Surveying

Bill McGaughey - Coastal Oil & Gas Corporation

Brad Jensen - Coastal Oil & Gas Corporation

The following was agreed to at the onsite (reference attached plat):

- The road will be rerouted to the west side of the location.
- Well equipment will be located on the north side of the location.

14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date

2/20/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

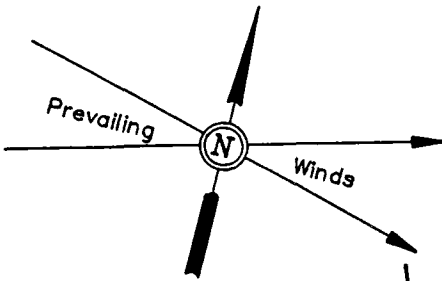
COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

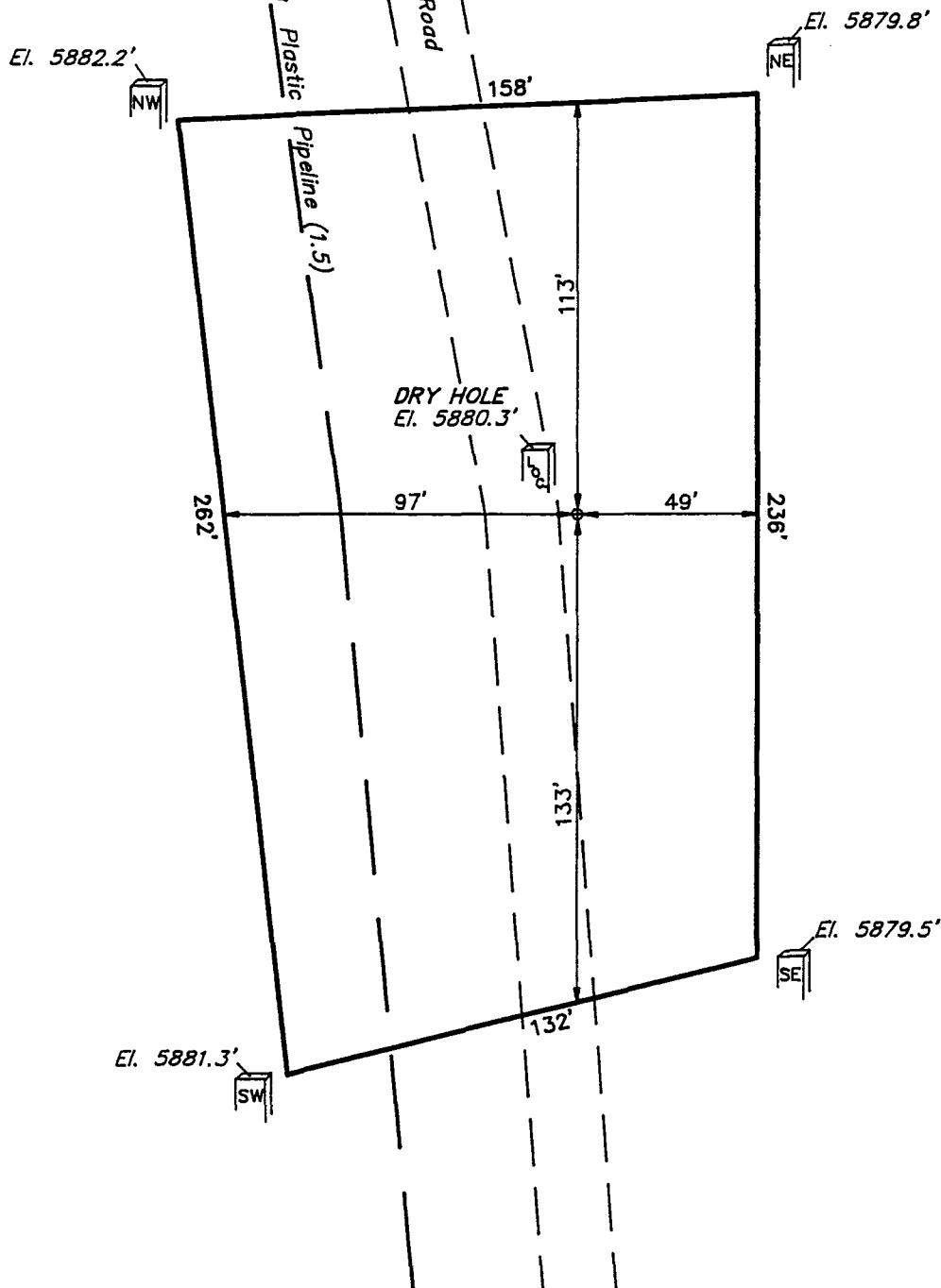
UTE #1-14C6

SECTION 14, T3S, R6W, U.S.B.&M.

1934' FNL 2102' FEL



SCALE: 1" = 50'
DATE: 12-19-96
DRAWN BY: D.R.B.



Elev. Ungraded Ground At Loc. Stake = 5880.3'

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
RE-ENTRY ☐ DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SWD ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1939' FNL & 2115' FEL
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-3809

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Ute

9. WELL NO.
#1-14C6

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW/NE Sec. 14-T3S-R6W

12. COUNTY OR PARISH
Duchesne Co.

13. STATE
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 7 miles NW of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
1939'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
10,630'

19. PROPOSED DEPTH
10,630'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5878' GR

22. APPROX. DATE WORK WILL START*
Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached procedure.				

Please see attached conversion procedure, present wellbore schematic, and affidavit of surface inspection topo map. Please note that Coastal Oil & Gas Corporation's proposed Ute #1-14C6 SWD well was originally drilled and P&A'd as the Texaco Ute Tribal #D-1. Coastal acquired the present lease from Linmar in July of 1994.

Coastal Oil & Gas Corporation is considered to be the Operator of the above described well. Coastal agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43CFR3104 for lease activities is being provided by Coastal Oil & Gas Corporation under State of Utah Bond #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #114066-A.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Sheila Bremer TITLE Environmental & Safety Analyst DATE 12/19/96

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE MAR 17 1997

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

114080-7m-069

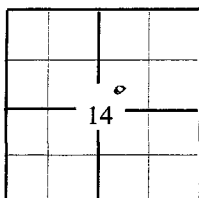
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sec. 14

T. 3S

R. 6W

US Mer.



INDIVIDUAL WELL RECORD

Date March 20, 1997

FEDERAL

State Utah

Lease No. 14-20-H62-3809

County Duchesne

Lessee _____

Field Cedar Rim

Operator Coastal Oil & Gas Corp

Unit/CA _____

Well Name & No. 1-14C6

District Vernal

A.P.I. Well No. 43-013-30056

Subdivision SWNE

Location 1939' FNL & 2115' FEL

Date Drilling Approved March 17, 1997

Well Elevation 5878' GR Feet

Date Drilling Commenced _____

Total Depth _____ Feet

Date Drilling Ceased _____

Initial Production _____

Date Completed For Production _____

Gravity A.P.I. _____

Date Abandonment Approved (Final) _____

Initial Reservoir Pressure _____

GEOLOGIC FORMATIONS

PRODUCTIVE HORIZONS

SURFACE

LOWEST TESTED

NAME

DEPTHS

CONTENTS

Uinta

SURFACE MANAGEMENT AGENCY DIV WL RES

MINERAL OWNERSHIP INDIAN

LEASE EXPIRATION HBP

WELL STATUS

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.

First Production Memorandum _____ Lease Extension Memorandum _____ Confirmation _____

Remarks _____

COASTAL OIL & GAS CORPORATION

600 17th Street, Suite 800S, Denver, CO 80201, (303) 572-1121

FACSIMILE TRANSMITTAL COVER PAGEThis transmission consists of 2 pages (including cover).DATE: 8/22/97TO: Mike HebertsonCOMPANY: STATE OF UTFROM: Bonnie Carson / Sheila BremerSENDING FROM FAX NUMBER: (303) 573-4418

43-013-30056

MESSAGE:

Res is the Surface use agreement
for the Ute 1-14C6 SWD well.

Please process the permit submitted
12/19/96. Thank you.

Hard copy to follow.

CONFIDENTIALITY NOTICE: This message is intended only for the use of the individual or entity designated above, is confidential and may contain information that is legally privileged or exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution, copying or use of or reliance upon the information contained in and transmitted with this facsimile transmission by or to anyone other than the recipient designated above by the sender is not authorized and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U. S. Mail, or destroy it if authorization is granted by the sender. Thank you.

DIV. OF WILDLIFE

Fax: 801-538-4709

Aug 22 '97

8:03

P.02/07



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

John Kimball
Division Director

1594 West North Temple, Suite 2110
PO Box 146301

Salt Lake City, Utah 84114-8301

801-538-4700

801-538-4709 (Fax)

801-538-7488 (TTY)

August 22, 1997

Mr. Brian Haley
Transcontinent Oil Company
621 Seventeenth Street, No. 1201
Denver, Colorado 80293

RE: Right-of-way easement for a salt water injection well in Duchesne County, Utah.

Dear Mr. Haley:

In regard to your application for a Right-of-Way Easement on Utah Division of Wildlife Resources (DWR) property in Duchesne County, as per the attached agreement, the necessary application, fees and signed right-of-way agreement have now been received. You may now inform your clients that they are hereby **authorized to proceed** with the installation of the salt water injection well subject to the conditions of the attached Agreement.

Before the final (and recordable) right-of-way easement is issued, the project must be completed, rehabilitated, inspected and approved by the Northeastern Region Habitat Manager in the Vernal office of the DWR(801)789-3103. Once the Habitat Manager has notified this office, in writing, that the project has been completed, inspected and approved; the formal right-of-way easement will be issued to Coastal Oil & Gas U.S.A., L.P. Recordation of the right-of-way easement will be the Coastal's responsibility; however, the DWR does require a copy of the recorded easement for its files.

Please address any questions, concerns and correspondence to Brent K. Hutchings (Habitat Acquisition Specialist) at 538-4750.

Sincerely,

John Kimball
Director

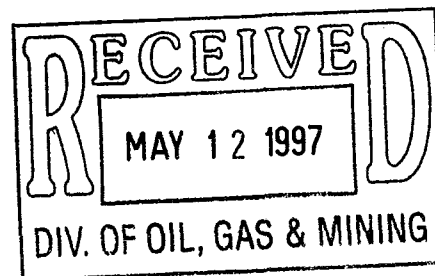
Attachment



May 8, 1997

Ute #1-14C6 SWD
EPA Permit No. UT2816-04352
Cedar Rim Area
Duchesne County, Utah

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
999 18th Street, Suite 500
Mail Code: 8P2-W-GW
Denver, CO 80202-2466



Dear Mr. Schmitz:

After reviewing the Public Notice of Intent and the Draft Statement of Basis for the above referenced well, please note the following clarification:

The Public Notice of Intent states that "The proposed permit will provide for the disposal injection of Lower Green River produced water" and the Draft Statement of Basis states that "The UIC Permit application is for the disposal of produced Green River Formation water from the Cedar Rim/Altamont/Bluebell Fields, Duchesne County, Utah." While these statements are correct, the injected water will also include Wasatch produced water. The water analyses for the eight wells submitted as Exhibit H in Coastal's application are analyses of Wasatch produced water. Attached are two water analyses for Lower Green River produced water from the Cedar Rim/Altamont/Bluebell areas.

We apologize for not noticing this discrepancy sooner. If you have any questions or need further information, please call me at (303) 573-4455. Also, please let me know how this will affect the permitting process. Thank you for your prompt attention to this matter.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Attachments

cc: Mr. Dan Jarvis, State of Utah
Mr. Ferron Secakuku, Ute Tribe
Mr. Charles Cameron, BIA
Mr. Norman Cambridge, BIA

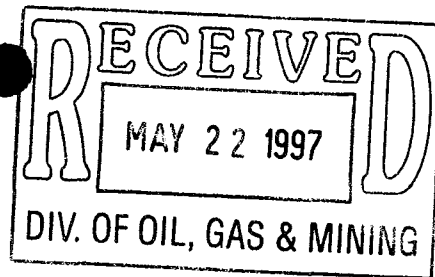
Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303-572-1121



Coastal
The Energy People

May 19, 1997



Ute #1-14C6 SWD
EPA Permit No. UT2816-04352
Cedar Rim Area
Duchesne County, Utah

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
999 18th Street, Suite 500
Mail Code: 8P2-W-GW
Denver, CO 80202-2466

Dear Mr. Schmitz:

As you requested in your phone message on May 12 and our phone conversation on May 13, please disregard my previous letter dated May 8, 1997, concerning the formation water to be injected into the subject well.

I apologize for the delay in submitting this follow-up letter to you. Thank you for your prompt attention to this matter.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Attachments

cc: Mr. Dan Jarvis, State of Utah
Mr. Ferron Secakuku, Ute Tribe
Mr. Charles Cameron, BIA
Mr. Norman Cambridge, BIA



Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 26, 1997

Coastal Oil & Gas Corp.
P.O. Box 749
Denver, Colorado 80201-0749

Re: Ute 1-14C6 (Re-entry) Well, 1939' FNL, 2115' FEL, SW NE,
Sec. 14, T. 3 S., R. 6 W., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to re-enter and drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-30056.

Sincerely,

John R. Baza
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Coastal Oil & Gas Corp.
Well Name & Number: Ute 1-14C6
API Number: 43-013-30056
Lease: 14-20-H62-3809
Location: SW NE Sec. 14 T. 3 S. R. 6 W.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. The cement volumes for the 9-5/8" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface.

6. Prior to injection of fluid into the well, the operator shall apply for and obtain proper approval from the Division as required by Rule R649-5-2 at seq. of the Oil and Gas Conservation General Rules.

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Coastal Oil and Gas **Well:** UTE 1-14C6

Location: Sec. 14, T.3 S., R.6 W., Duchesne County

Ownership Issues:

The proposed well is located in section 14, township 3 south, range 6 west, Duchesne County, Utah. The surface location is owned by the Division of Wildlife Resources. There are a number of other surface owners in the one-half mile area of review. Coastal Oil and Gas is the operator of all leases in the 1/2 mile radius. An affidavit has been filed stating that all surface owners in the 1/2 mile area have been notified.

Well Integrity:

The well proposed for injection is the Ute 1-14C6. The well is presently plugged and abandoned. This well has a 13 3/8" surface casing set at 600 feet and is cemented to surface. A 9 5/8" intermediate casing was set from surface to 7825 feet and is reported to have cement returns to surface. A bond log is not available and will have to be run prior to issuing a permit. Additionally the 9 5/8 inch casing was cut off at 600 feet. The completion procedure calls for a casing patch to be run from surface to 600 feet. The present construction has a cement retainer at 5280 with a cement top at 4554 feet. A second cement plug is set at the bottom of the 9 5/8 casing from 7245-7483. Completion procedures call for the cement plug at 4554 feet to be drilled out, pressure test the casing run a cement bond log and perform any remedial cement work to isolate and protect all water zones. The proposed zone of injection lies within the saline facies of the upper Green River Formation. It is proposed to selectively perforate from 4330-5036 feet. A 2 7/8' tubing will be set in a packer approximately 100 feet above the upper most perforation. The quality of water in the injection zone is presently unknown, the zones will be perforated and swabbed to obtain a representative sample. There are no oil or water wells in the 1/2 mile area of review. A casing test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.

Ground Water Protection:

The base of moderately saline water may be as deep as 3400 feet in the area, it appears that this may be a case where there are zones of fresher water that underlie zones of more saline water. The proposed injection zone lies within the saline facies, log calculations submitted by Coastal indicate salinities in the injection zone which range from 45,000 mg/L to 100,000 mg/L TDS. The zone needs to be swabbed to determine the quality of the

Coastal Oil and Gas
Ute 1-14C6
page 2

water. A maximum pressure of 1085 was requested. In light of the fact that no fracture information is available for the well, a step-rate test will be required to determine the fracture gradient for the injection zone. There are no water wells in the area of review. Any fresh and usable waters would be contained in the surface alluviums and down into the Duchesne River Formation. The upper confining zone consists of impermeable shale and limestone beds of the Uinta Formation. The lower confining zone consists of shale, limestone, and sand stringers of the Green River Formation. Any shallow fresh water zones will be adequately protected by the proposed construction.

Oil/Gas & Other Mineral Resources Protection:

Injection into this well should have no adverse affects on any offsetting production. There are no other known mineral interests of concern.

Bonding:

Coastal Oil and Gas has a statewide bond in the amount of \$80,000 dollars.

Actions Taken and Further Approvals Needed:

A public notice for the injection well was published in both the Salt Lake Tribune and the Uinta Basin Standard newspaper. No objections to the application were received. The permittee needs complete the well as proposed in the submitted application. A cement bond log needs to be run, and swab a representative sample once the casing has been perforated. A step rate test needs to be run to determine the fracture pressure.

DJJ
Reviewers

9/10/97
Date

2

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: COASTAL OIL & GAS CORP. COMPANY REP: JIM FOREMAN

WELL NAME UTE TRIBAL #1-14C6 (RE-ENTRY) API NO 43-013-30056

QTR/QTR: SW/NE SECTION: 14 TWP: 3S RANGE: 6W

CONTRACTOR: POOL WELL SERVICE RIG NUMBER: _____

INSPECTOR: DENNIS L INGRAM TIME: 1:45 PM DATE: 9/24/97

SPUD DATE: DRY: _____ ROTARY: _____ PROJECTED T.D.: _____

OPERATIONS AT TIME OF VISIT: PICKING UP POWER SWIVEL.

WELL SIGN: N MUD WEIGHT 8.3+ LBS/GAL BOPE: Y

BLOOIE LINE: NO FLARE PIT: NO H2S POTENTIAL: N

ENVIRONMENTAL:

RESERVE PIT: N/A FENCED: N/A LINED: N/A PLASTIC: N/A
RUBBER: _____ BENTONITE: _____ SANITATION: YES

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: _____

REMARKS:

WELL MARKER HAD LITTLE OR NO CEMENT UNDER SAME. RIG CREW
RAN THEIR SAND LINE DOWN TO 260' BEFORE TAGGING--WAS PROBABLY
A CEMENT STRINGER. SECOND TAG WAS AT 366 FEET. OPERATOR
HAS TEMPORARILY INSTALLED A HYDRIL DIVERTER FOR BLOWOUT CONTROL
UNTIL CASING IS CAUGHT WITH PATCH AND CEMENTED TO SURFACE. THEY
WILL INSTALL A SHAFFER HYDRAULIC DOUBLE GATE, 10" 3,000 PSI
BOP AFTER TIE BACK INTO 9 5/8" IS COMPLETED.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: COASTAL OIL & GAS CORP

Well Name: UTE TRIBAL 1-14C6 RE-ENTRY

Api No. 43-013-30056

Section: 14 Township: 3S Range: 6W County: DUCHESNE

Drilling Contractor: POOL WELL SERVICE

Rig #

SPUDDED:

Date: 9/24/97

Time:

How: ROTARY

Drilling will commence:

Reported by: D. INGRAM

Telephone NO.:

Date: 10/7/97 Signed: JLT

✓

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
CEMENTING OPERATIONS

WELL NAME: UTE TRIBAL #1-14C6 (RE-ENTRY) API NO: 43-013-30056

QTR/QTR: SW/NE SECTION: 14 TOWNSHIP: 3S RANGE 6W

COMPANY NAME: COASTAL OIL & GAS COMPANY MAN JIM FOREMAN
INSPECTOR: DENNIS L. INGRAM DATE: 9/30/97

CASING INFORMATION: SURFACE CASING: NO

SIZE: 9 5/8" GRADE: 36#, K-55 HOLE SIZE: 12 1/4" DEPTH: 7825'

PIPE CENTRALIZED: NO

CEMENTING COMPANY: HALLIBURTON

CEMENTING STAGES: ONE

SLURRY INFORMATION:

1.CLASS: PREMIUM "H" ADDITIVES: 2% CACL, 1.18 YIELD

LEAD : 300 SACKS, 63 BARRELS TAIL: _____

2.SLURRY WEIGHT LBS. PER GALLON:

LEAD: 15.6 PPG TAIL: _____

3.WATER (GAL/SX)

LEAD: 5.2 GAL/SACK TAIL: _____

CEMENT TO SURFACE: 20 BARRELS LOST RETURNS: NO

1 INCH INFORMATION: WEIGHT: NONE CEMENT TO SURFACE: _____

FEET: _____ SX: _____ CLASS: _____ CACL%: _____ RETURNS: _____

ADDITIONAL COMMENTS: RAN CASING PATCH WITH 9 5/8" TIE-BACK CASING
STRING TO 651 FEET (SURFACE CASING SHOE WAS AT 600'). OPERATOR
CLAIMS THEY SWALLOWED CASING STUBB BUT WERE UNABLE TO SET OVER
SHOT SLIPS AND STRETCH CASING. THEY SHOT 4 PERFS AT 654 FEET TO
CEMENT THROUGH. A WOODEN PLUG WAS USED TO CHASE OR WIPE CEMENT
AND LEFT AT 641.5 FEET, OR 12 1/2 FEET ABOVE PERFS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **SWD**

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1939' FNL & 2115' FEL

SW/NE Section 14-T3S-R6W

5. Lease Designation and Serial No.

14-20-H62-3809

6. If Indian, Alottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-14C6

9. API Well No.

43-013-30056

10. Field and Pool, Or Exploratory Area

Cedar Rim

11. County or Parish, State

Duchesne County, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

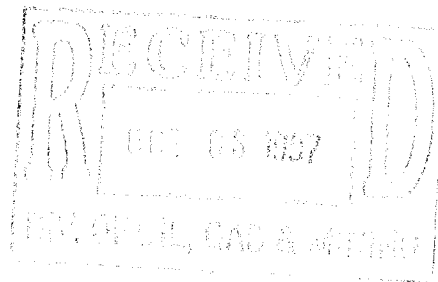
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

A completion rig (instead of a drilling rig) will be utilized for the re-entry and SWD conversion work for the above referenced well. Therefore, a Shaffer hydraulic double gate, 10" 3,000 psi BOP with one flowline will be used. No choke or kill lines will be installed. The BOP will be tested to 2,000 psi.

John Baza w/State of Utah and Ed Forsman w/BLM were notified on 10/2/97.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title **Environmental & Safety Analyst**

Date

10/02/97

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

Title

Associate Director

Date

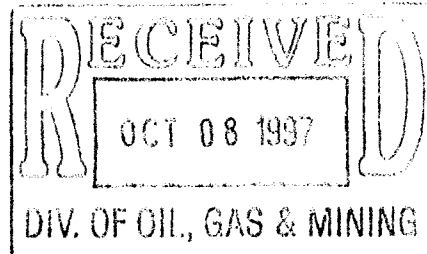
10/6/97

Utah Div. of Oil, Gas & Mining

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

STATE OF UTAH
DIVISION OF OIL GAS AND MINING
BOPE TEST INSPECTION FORM



COMPANY: COASTAL OIL & GAS CORP REPRESENTATIVE: JIM FOREMAN
WELL NAME: UTE TRIBAL #1-14C6 API NO: 43-013-30056
WELL SIGN: NO QTR/QTR SW/NE SEC: 14 TWP: 3S RANGE: 6W
INSPECTOR: DENNIS L INGRAM TIME: 10:00 AM AM DATE: 10/2/97
DRILLING CONTRACTOR: POOL WELL SERVICE RIG: #29
DEPTH: 660' LAST CASING: 9 5/8" SET @: 7825'
TESTED BY: RIG PUMP WATER: YES MUD: NO
TEST PRESSURES: 2000 KELLYCOCK: UPPER LOWER
INSIDE BOP FULL OPENING VALVE ON FLOOR
WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR YES
STACK LISTED AS ARRANGED (FROM TOP TO BOTTOM): PRESSURE
1. HYDRIL N/A
2. BLIND RAM 10:40 AM TO 11:10 AM W/2100 PSI--GOOD.
3. PIPE RAMS (TUBING) 11:25 AM TO 11:55 AM W/2000--GOOD.
4. DRILLING SPOOL N/A
5. SPACER SPOOL N/A
6. DRILLING SPOOL ASSEMBLY
7. WELLHEAD

CHOKE MANIFOLD AND VALVES:

DART VALVE: FLOOR VALVE: YES HCR VALVE:

ADDITIONAL COMMENTS: OBTAINED VARIANCE FROM BLM TO LIMIT BOPE
EQUIPMENT. BOPE TEST WAS RECORDED ON A BARTON CHART FOR DISPLAY.
A TEST PLUG WAS NOT UTILIZED ON TEST. THEREFORE, DRILL PIPE AND
BLIND RAMS WERE TESTED AGAINST CASING AND CASING PATCH. NO CHOKE
EQUIPMENT WAS RIGGED UP WITH BLOW OUT PREVENTOR

COASTAL OIL & GAS CORPORATION
600 17TH STREET, SUITE 800S
DENVER, COLORADO 80201

DATE: 10/12/97

FACSIMILE TRANSMITTAL PAGE

THIS TRANSMISSION CONSISTS OF 6 PAGES (INCLUDING COVER)

TO: Dan Jarvis

COMPANY/FIRM: _____

CITY/STATE: _____

FAX #: _____ CONFIRMATION #: _____

FROM: Sam Pritch

TELEPHONE #: _____

INSTRUCTIONS: _____

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IF YOU HAVE ANY TROUBLE RECEIVING THE ABOVE SPECIFIED PAGES, PLEASE NOTIFY SENDER.

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84058Office (801) 722-5066
Fax (801) 722-5727**WATER ANALYSIS REPORT**Company COASTAL OIL AND GAS Address _____ Date 10-29-97Source 1-14C6 Date Sampled 10-29-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	<u>10.0</u>		
2. H ₂ S (Qualitative)	<u>35.</u>		
3. Specific Gravity	<u>1.070</u>		
4. Dissolved Solids		<u>70,133</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>20,400</u>	+ 30 <u>680</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>1,200</u>	+ 51 <u>20</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>6,700</u>	+ 35.5 <u>189</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>200</u>	+ 48 <u>4</u> SO ₄
10. Calcium (Ca)	Ca	<u>4</u>	+ 20 <u>0</u> Ca
11. Magnesium (Mg)	Mg	<u>0</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>10</u>	
13. Total Iron (Fe)		<u>12</u>	
14. Manganese			
15. Phosphate Residuals			

No PO4 or Amine Detected

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Eq. Wt.	X	Mg/l	Mg/l
<div> <div>0</div> <div>0</div> <div>893</div> </div> <div> <div>Ca</div> <div>Mg</div> <div>Na</div> </div> <div> <div>HCO₃</div> <div>SO₄</div> <div>Cl</div> </div> <div> <div>700</div> <div>4</div> <div>189</div> </div>	Ca(HCO ₃) ₂	81.04			
	CaSO ₄	68.07			
	CaCl ₂	55.50			
	Mg(HCO ₃) ₂	73.17			
	MgSO ₄	60.19			
	MgCl ₂	47.62			
Saturation Values CaCO ₃ CaSO ₄ · 2H ₂ O MgCO ₃	NaHCO ₃	84.00	<u>700</u>	<u>58,800</u>	
	Na ₂ SO ₄	71.03	<u>4</u>	<u>284</u>	
	NaCl	58.44	<u>189</u>	<u>11,049</u>	

AMMONIA = 800 PPM

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84068Office (801) 722-5066
Fax (801) 722-6727**WATER ANALYSIS REPORT**Company COASTAL OIL AND GAS

Address _____

Date 10-31-97Source RUN # 20Date Sampled 10-31-97

Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	9.8		
2. H ₂ S (Qualitative)	12.		
3. Specific Gravity	1.032		
4. Dissolved Solids		31,699	
5. Alkalinity (CaCO ₃)		7,800	+ 30 260 CO ₃
6. Bicarbonate (HCO ₃)		3,600	+ 61 60 HCO ₃
7. Hydroxyl (OH)		0	+ 17 0 OH
8. Chlorides (Cl)		2,800	+ 36.5 80 Cl
9. Sulfates (SO ₄)		100	+ 48 2 SO ₄
10. Calcium (Ca)		5	+ 20 0 Ca
11. Magnesium (Mg)		1	+ 12.2 0 Mg
12. Total Hardness (CaCO ₃)		15	
13. Total Iron (Fe)		45.	
14. Manganese			
15. Phosphate Residuals			

*Mm equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Eqv. Wt.	X	Meq/l	Mg/l
0	Ca(HCO ₃) ₂	81.04			
0	CaSO ₄	69.07			
0	CaCl ₂	55.50			
402	Mg(HCO ₃) ₂	73.17			
	MgSO ₄	60.10			
	MgCl ₂	47.83			
	NaHCO ₃	64.00	320	26,880	
	Na ₂ SO ₄	71.03	2	142	
	NaCl	58.40	80	4,677	

Saturation Values	Distilled Water 20°C
CaCO ₃	12 Mg/l
CaSO ₄ · 2H ₂ O	2,000 Mg/l
MgCO ₃	103 Mg/l
FI - 1300	136 BBL

REMARKS

600 NH₃

** TOTAL PAGE 05 **

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84098Office (801) 722-6066
Fax (801) 722-5727**WATER ANALYSIS REPORT**Company COASTAL OIL AND GAS

Address _____

Date 10-31-97Source RUN # 5Date Sampled 10-31-97

Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	9.8		
2. H ₂ S (Qualitative)	5.0		
3. Specific Gravity	1.064		
4. Dissolved Solids		64,033	
5. Alkalinity (CaCO ₃)		CO ₃ 19,800	+ 30 666 CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ 1,500	+ 81 25 HCO ₃
7. Hydroxyl (OH)		OH 0	+ 17 0 OH
8. Chlorides (Cl)		Cl 3,500	+ 35.5 99 Cl
9. Sulfates (SO ₄)		SO ₄ 150	+ 48 3 SO ₄
10. Calcium (Ca)		Ca 80	+ 20 4 Ca
11. Magnesium (Mg)		Mg 0	+ 12.2 0 Mg
12. Total Hardness (CaCO ₃)		200	
13. Total Iron (Fe)		4.0	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Eqvly. Wt.	X	Meq/l	=	Mgd
0	Ca(HCO ₃) ₂	81.04	4	324		
0	CaSO ₄	60.07				
	CaCl ₂	55.50				
	Mg(HCO ₃) ₂	73.17				
	MgSO ₄	60.19				
	MgCl ₂	47.62				
	NaHCO ₃	64.00	687	57,708		
	Na ₂ SO ₄	71.03	3	213		
	NaCl	58.46	99	5,788		

Saturation Values

Distilled Water 20°C

CaCO₃

19 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

108 Mg/l

FI - 1300

30 BBL RBC.

REMARKS

590 NH₂

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-6066
Fax (801) 722-6727**WATER ANALYSIS REPORT**Company COASTAL OIL AND GAS Address _____ Date 10-31-97Source RUN # 10 Date Sampled 10-31-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	9.9		
2. H ₂ S (Qualitative)	6.0		
3. Specific Gravity	1.046		
4. Dissolved Solids		45,667	
5. Alkalinity (CaCO ₃)	CO ₃	12,000	+ 30 400 CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	3,600	+ 61 59 HCO ₃
7. Hydroxyl (OH)	OH	0	+ 17 0 OH
8. Chlorides (Cl)	Cl	4,200	+ 35.5 118 Cl
9. Sulfates (SO ₄)	SO ₄	130	+ 48 3 SO ₄
10. Calcium (Ca)	Ca	5	+ 20 0 Ca
11. Magnesium (Mg)	Mg	2	+ 12.2 0 Mg
12. Total Hardness (CaCO ₃)		25	
13. Total Iron (Fe)		1.5	
14. Manganese			
15. Phosphate Residual			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Ca	Mg	Na	HCO ₃	SO ₄	Cl	Compound	Eq. Wt.	X	Mg/l	-	Mg/l
0				459			Ca(HCO ₃) ₂	81.04				
0				3			CaSO ₄	88.07				
580				118			CaCl ₂	88.80				
							Mg(HCO ₃) ₂	73.17				
							MgSO ₄	80.18				
							MgCl ₂	47.02				
							NaHCO ₃	84.00		459		38,556
							Na ₂ SO ₄	71.03		3		213
							NaCl	58.48		118		6,898
Saturation Values												
CaCO ₃												
CaSO ₄ · 2H ₂ O												
MgCO ₃												
F1 - 700												
Diluted Water 20°C												
13 Mg/l												
2,080 Mg/l												
103 Mg/l												
60 BBL												

REMARKS

620 NH₂

UNICHEM

A Division of BI Services

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-5066
Fax (801) 722-5727**WATER ANALYSIS REPORT**Company COASTAL OIL AND GAS Address _____ Date 10-31-97Source RUN # 17 Date Sampled 10-31-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	9.8		
2. H ₂ S (Qualitative)	7.0		
3. Specific Gravity			
4. Dissolved Solids		34,419	
5. Alkalinity (CaCO ₃)	CO ₃	8,400	+ 30 280 CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	3,600	+ 61 60 HCO ₃
7. Hydroxyl (OH)	OH	0	+ 17 0 OH
8. Chlorides (Cl)	Cl	3,500	+ 35.5 99 Cl
9. Sulfates (SO ₄)	SO ₄	65	+ 48 1 SO ₄
10. Calcium (Ca)	Ca	5	+ 20 0 Ca
11. Magnesium (Mg)	Mg	0	+ 12.2 0 Mg
12. Total Hardness (CaCO ₃)		10	
13. Total Iron (Fe)		2.1	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Eqvly. Wt.	X	Mg/l	=	Mg/l
0	Ca(HCO ₃) ₂	81.04				
0	CaSO ₄	56.07				
440	CaCl ₂	55.50				
	Mg(HCO ₃) ₂	73.17				
	MgSO ₄	60.16				
	MgCl ₂	47.52				
	NaHCO ₃	84.00		340		28,560
	Na ₂ SO ₄	71.02		1		71
	NaCl	58.46		99		5,788

Saturation Values**Distilled Water 20°C**CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

F1 - 400**180 BBL**

REMARKS

#540

FACSIMILIE COVER SHEET

CUTTERS WIRELINE SERVICE, INC.

P.O. Box 1751
 920 South 1500 East
 Vernal UT 84078
 USA
 (435) 789-5556
 (435) 789-5588

SEND TO/ AN/ A L'ATTENTION DE Company Name/ Firmenname/ Société STATE OF UTAH	From/ Von/ De GREG SCHWANTES
Attention/ Zu Händen von/ A l'attention de DAN JORGENSEN AND JOHN BOSA	Date/ Datum/ Date 10/28/97
Fax Number/ Fax Nr./ N° de fax (801) 359-3940	Phone Number/ Telefon/ N° de tél. (801) 538-5384 789-5588

<input type="checkbox"/> Urgent/ Dringend/ Urgent	<input type="checkbox"/> Reply ASAP/ Rückantwort/ Réponse urgente attendue	<input type="checkbox"/> Please Comment/ Erfeldigung/ Commentaires attendus	<input checked="" type="checkbox"/> Please Review/ Überprüfung/ A vérifier	<input checked="" type="checkbox"/> For your information/ Kenntnisnahme/ Copie pour information
---	---	--	--	---

Total pages, including cover sheet:
 Anzahl der übermittelten Seiten inkl. Deckblatt
 Nombre de pages (Page de garde incluse)

2 PAGES

COMMENTS/ ANMERKUNGEN/ COMMENTAIRES

AS PER YOUR REQUEST

Sam Preutch
 (303) 573-4484

Les Strieb
 (303) 573-4486



GAMMA RAY CEMENT BOND LOG

CMP DRB 1.2615

COUNTY: DUCHESNE UTAH

FIELD: ALTAMONT

LOCATION: 1939' FNL & 2115' FEL

WELL: UTE #1-14C6

COMPANY: COASTAL OIL & GAS CORP.

COMPANY COASTAL OIL & GAS CORP.WELL UTE #1-14C6FIELD ALTAMONTCOUNTY DUCHESNE STATE UTAH

LOCATION

1939' FNL & 2115' FEL

SW/NE

Sec. 14

Twp. 3S

Rge. 6W

Other Services

Permanent datum GROUND LEVEL

Elev. 5878'

Log Measured From K. B. 22'

Above Perm. Datum

Drilling Measured From K. B.

Elev. : K. B. 5856'

D. F.

G. L. 5878'

Date	10-28-97			Type Fluid in Hole	WATER	
Job Tkt Run No.		ONE		Dens. Visc.		
Depth-Driller	5262'			Est. Cement Top		
Depth-Logger	5238'			Max. Rec. Temp.		
Btm. Log Interval	5231'			Equip. Location	102	VERNAL
Top Log Interval	SURF			Recorded By	GREG SCHWANTES	
Hole Size				Witnessed By	JIM FOREMAN	
CEMENTING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String	13 3/8	54.5		COLLAR	SURF	600'
Prot. String						
Prod. String	9 5/8	40		COLLAR	SURF	7825'
Liner						

PRIMARY CEMENTING DATA

STRING	Surface	Protection	Production	Liner
Vol. of Cement				
Type of Cement				
Additive				
Additive by Z				
Retarder				
Retarder by Z				
Wt. of Slurry				
Water Loss				
Drill. mud type				
Drilling mud wt				

Cold Here

REFERENCE LITERATURE:

MARKS:

CREW: MIKE / SAM

NOTICE:

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

CUTTERS WIRELINE SERVICES, INC.

GAMMA RAY

CPS

DELTA TIME

MICROSECONDS

1200 200

AMPLITUDE

MILLIVOLTS

20 100 200

VDL

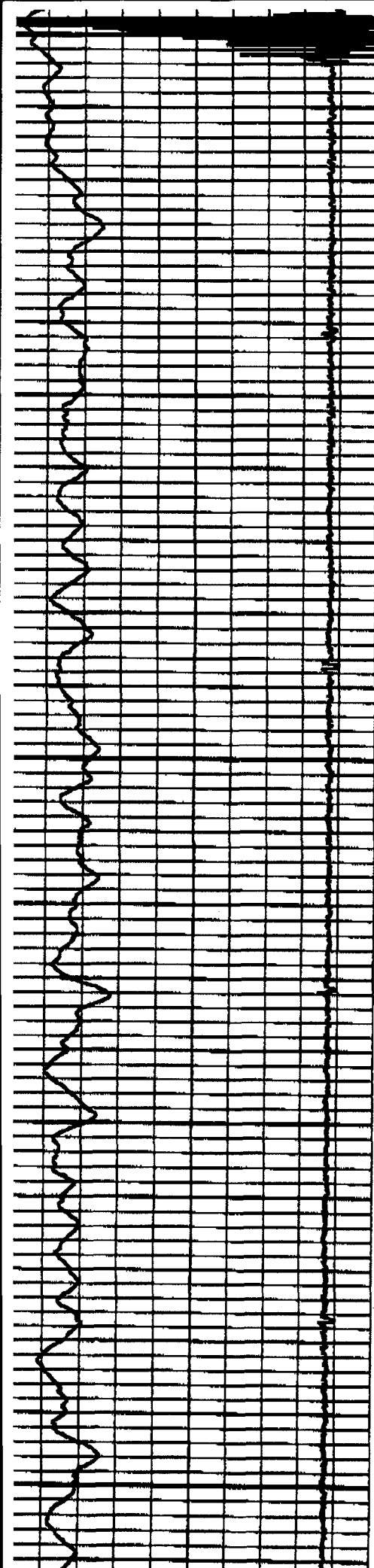
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STOP: -11 FT

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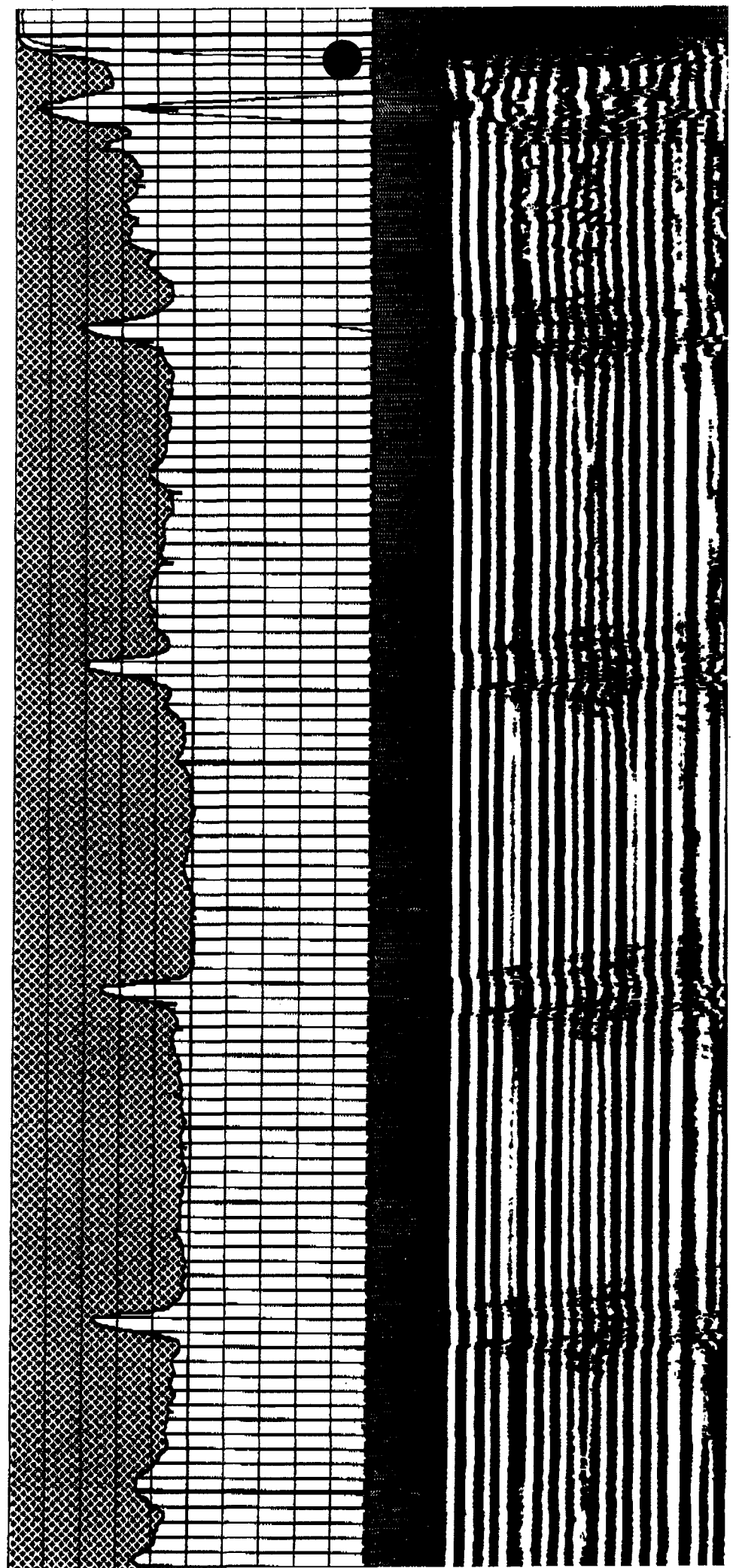




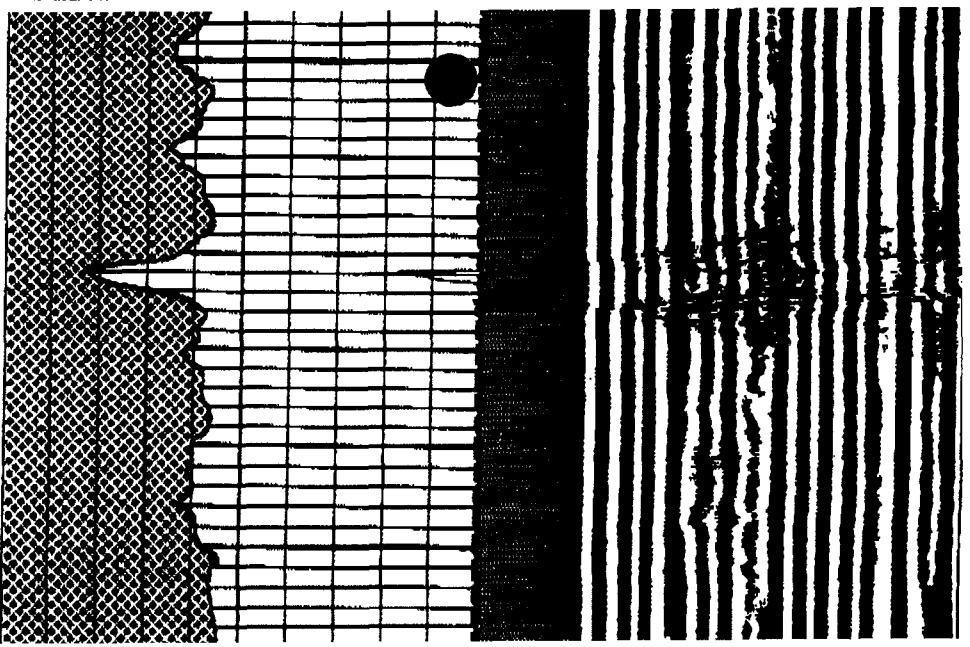
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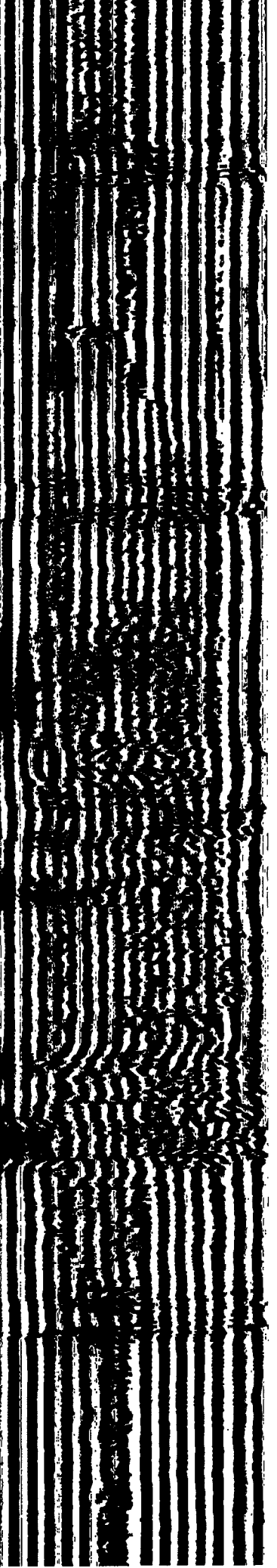
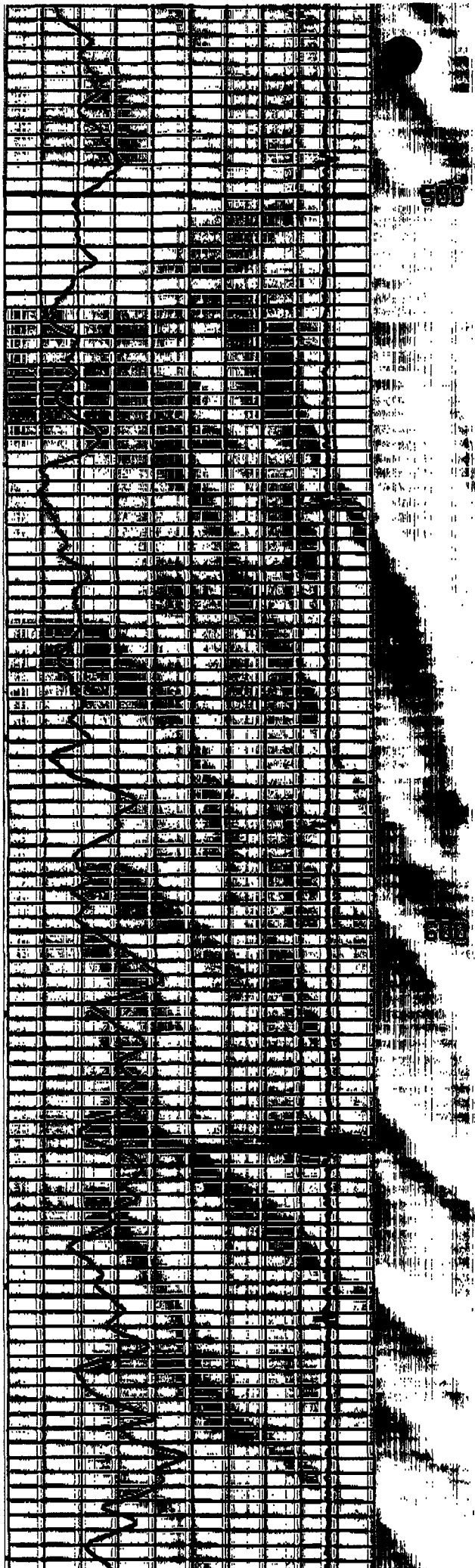


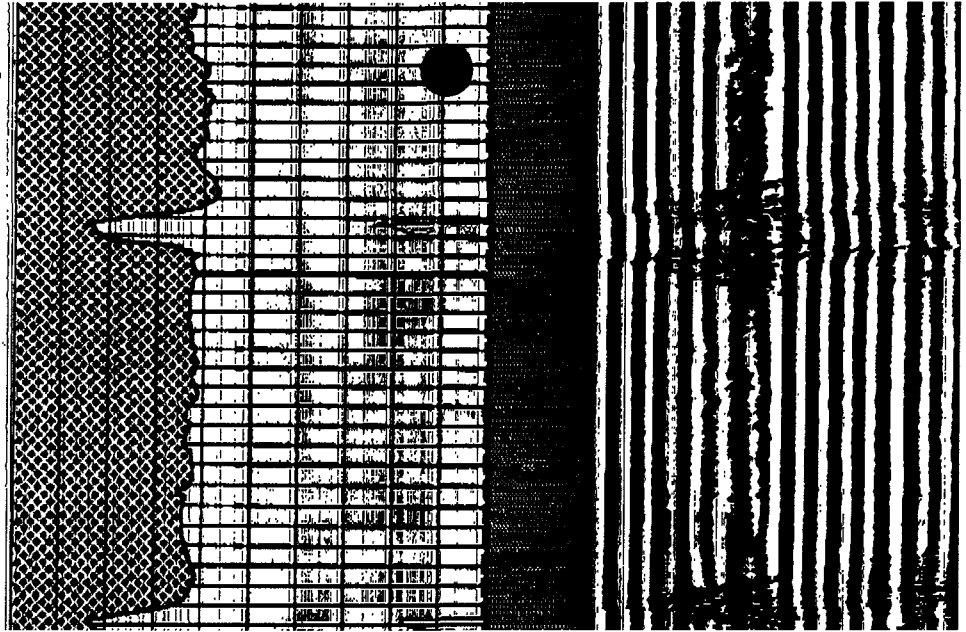
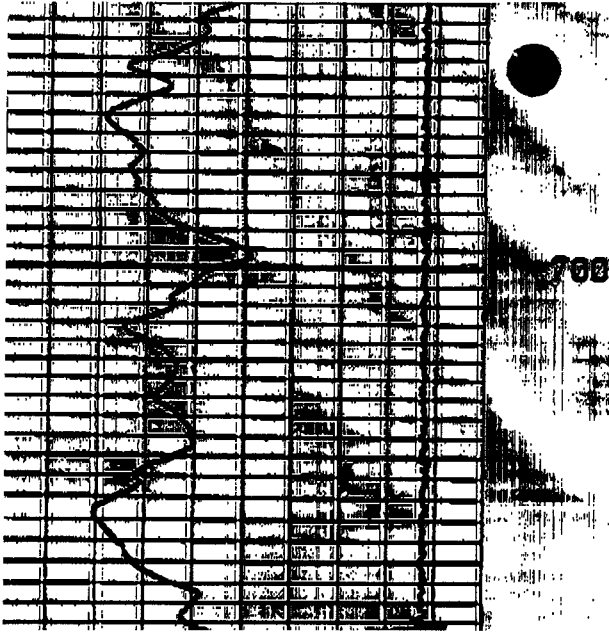
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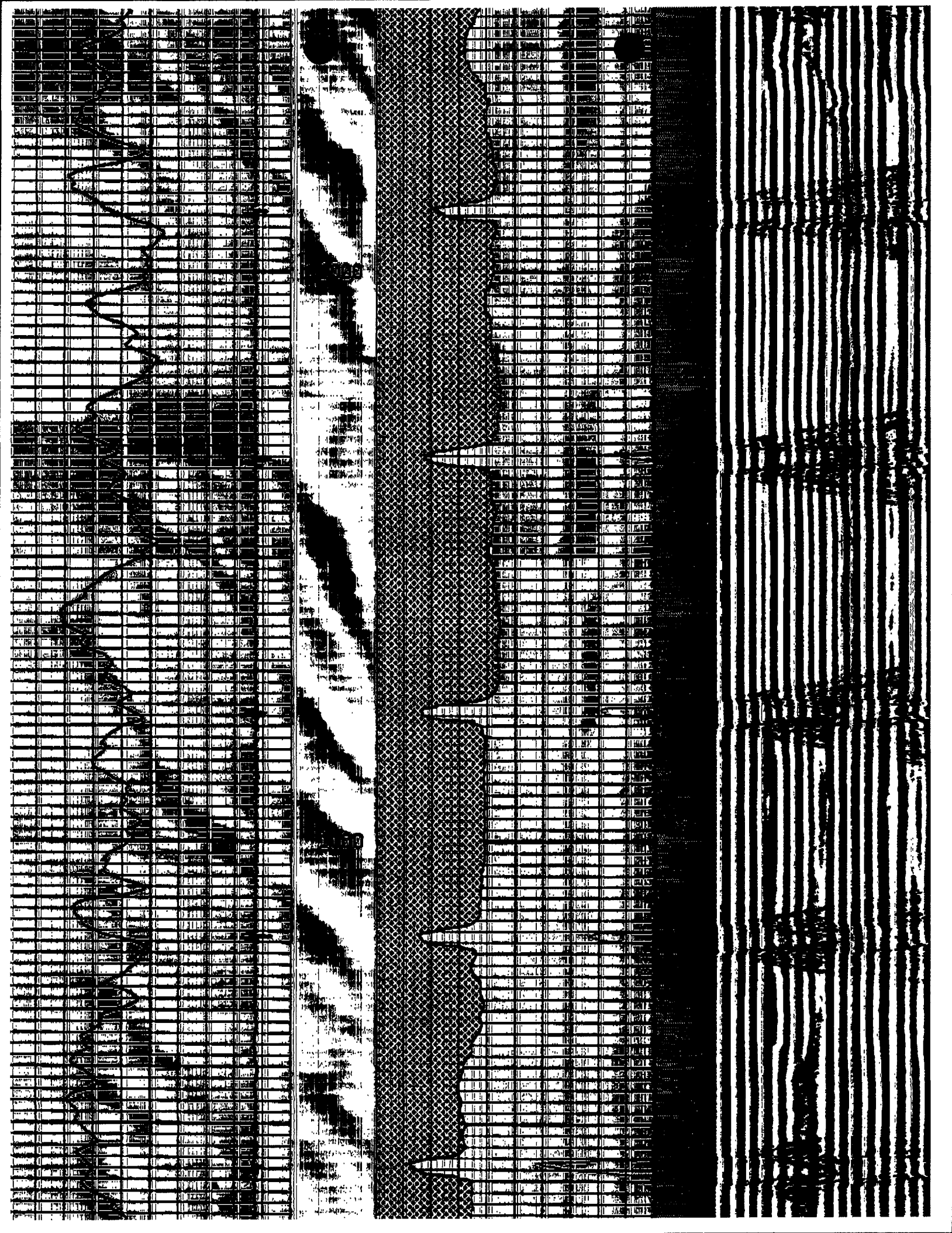
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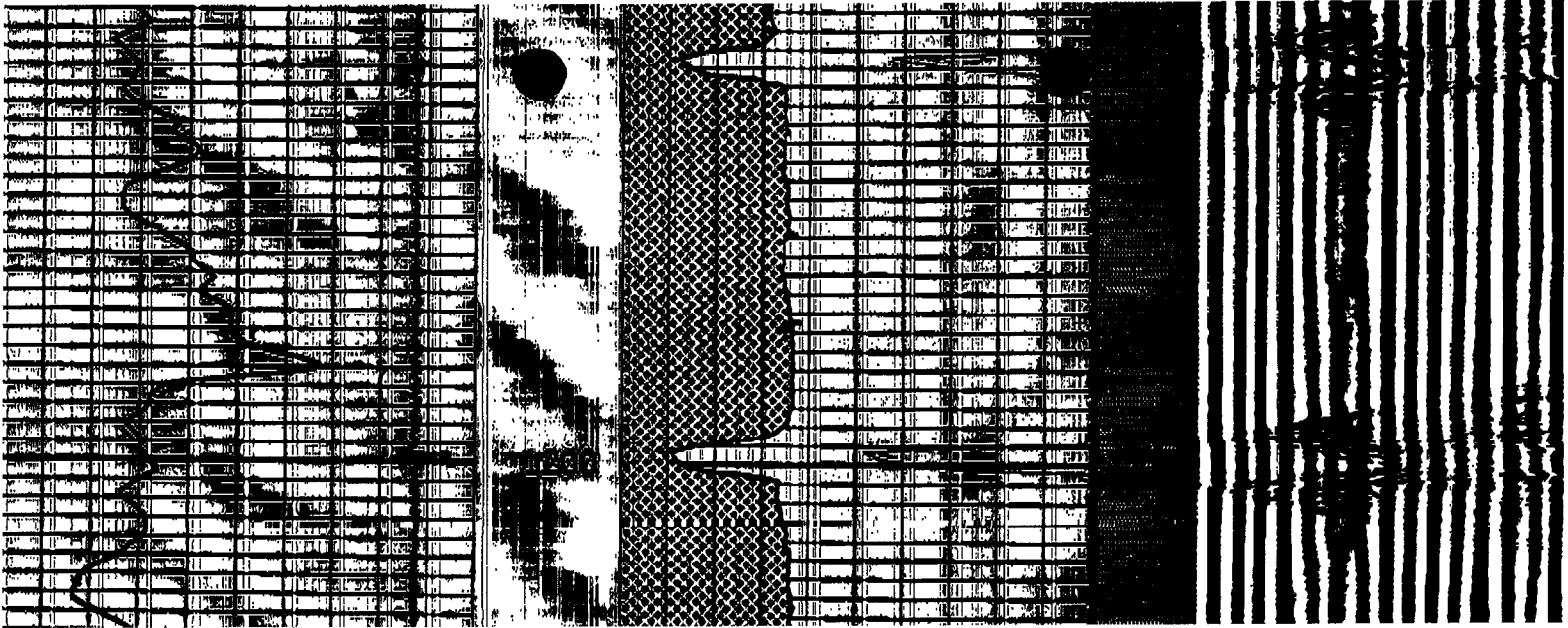
400



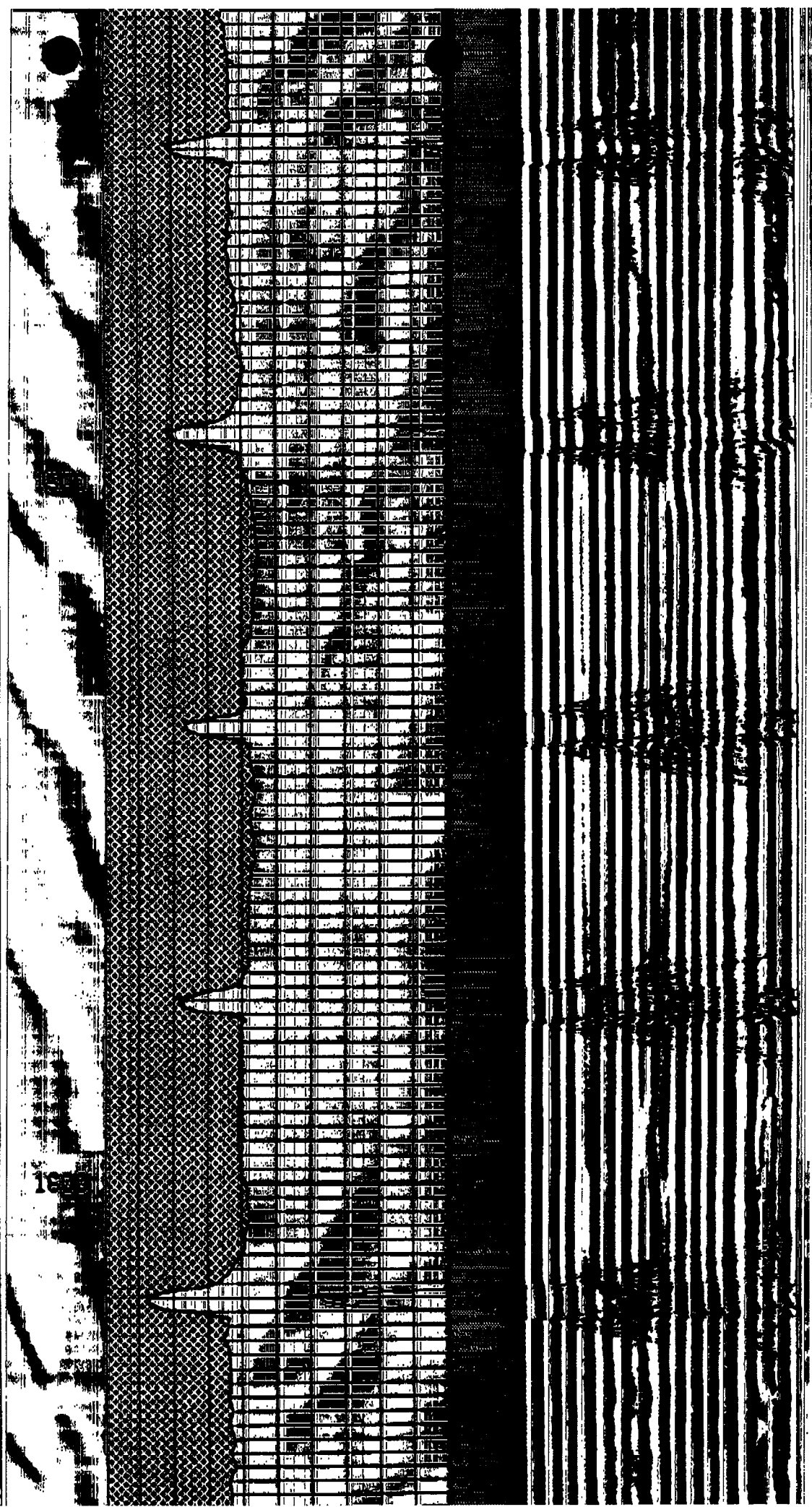
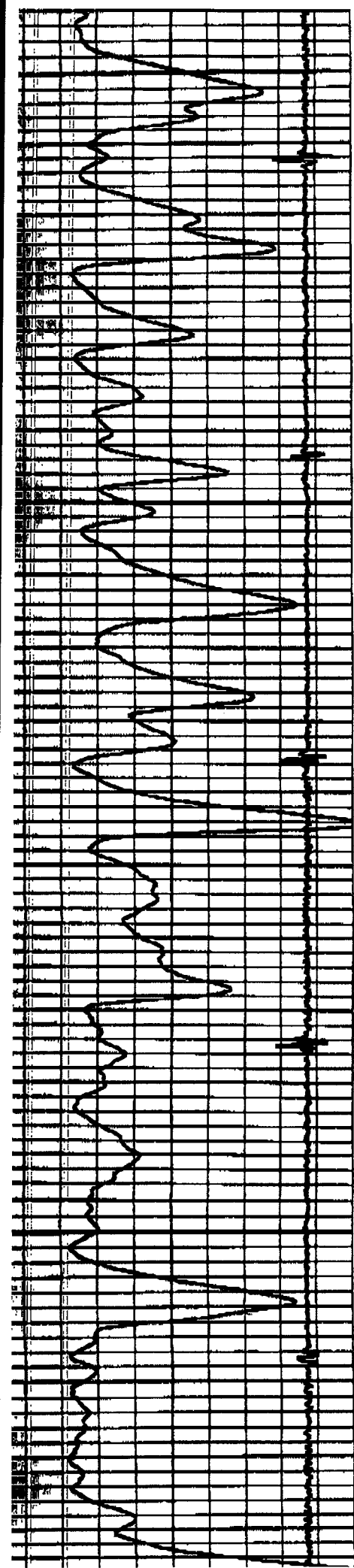


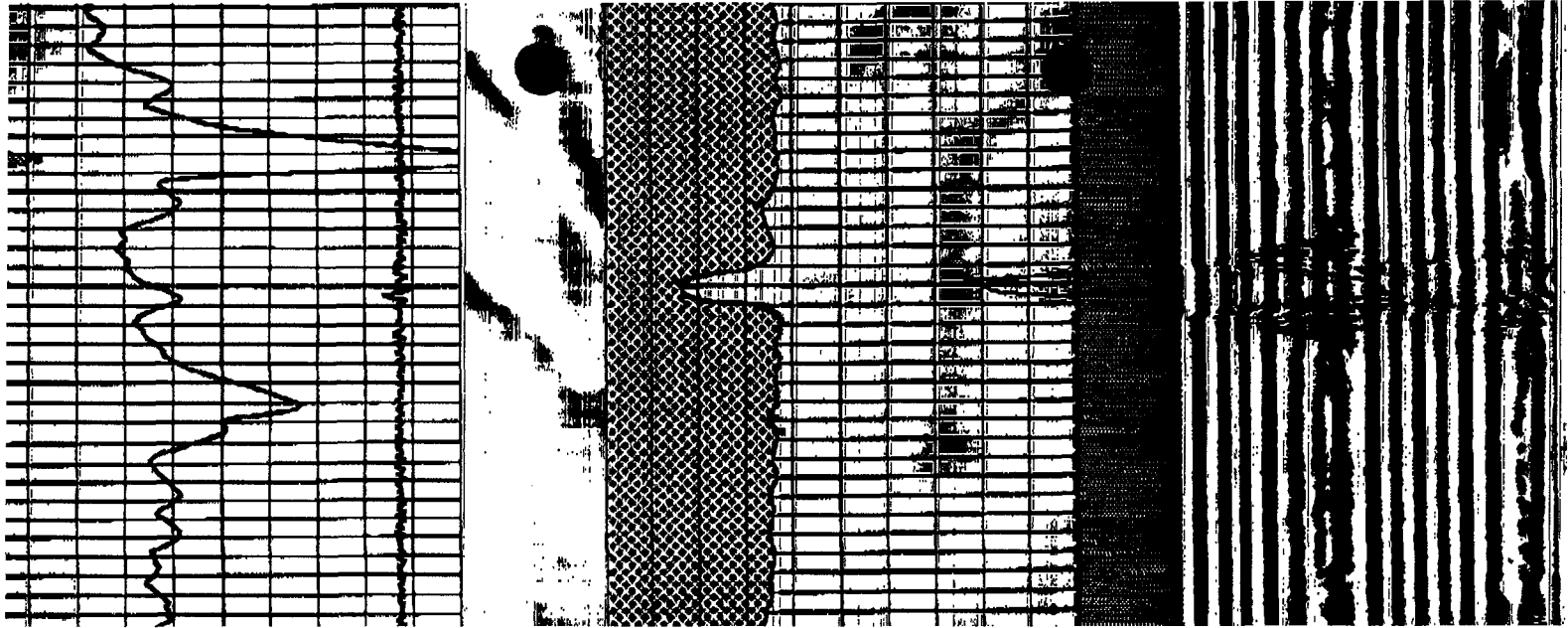
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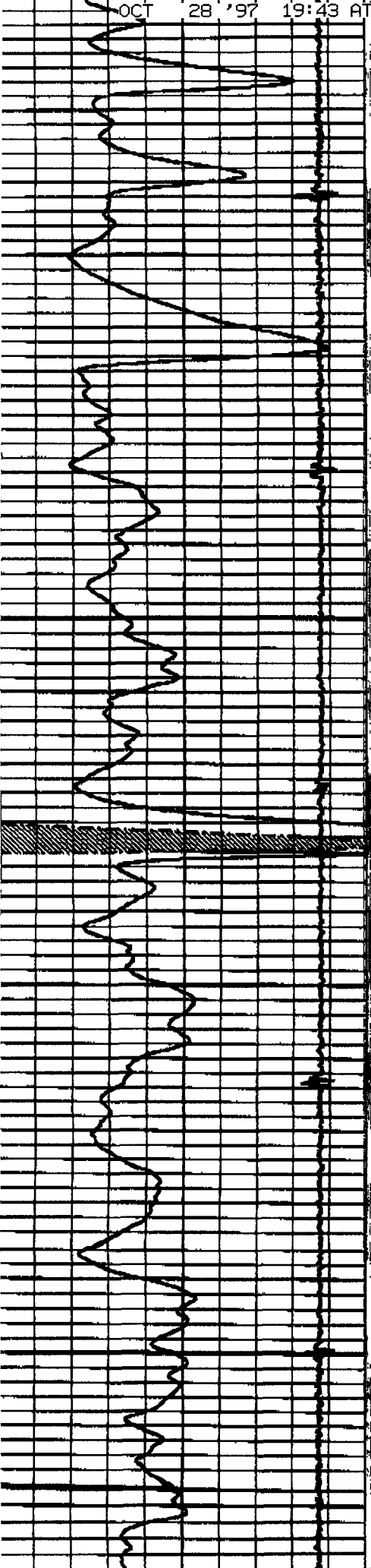




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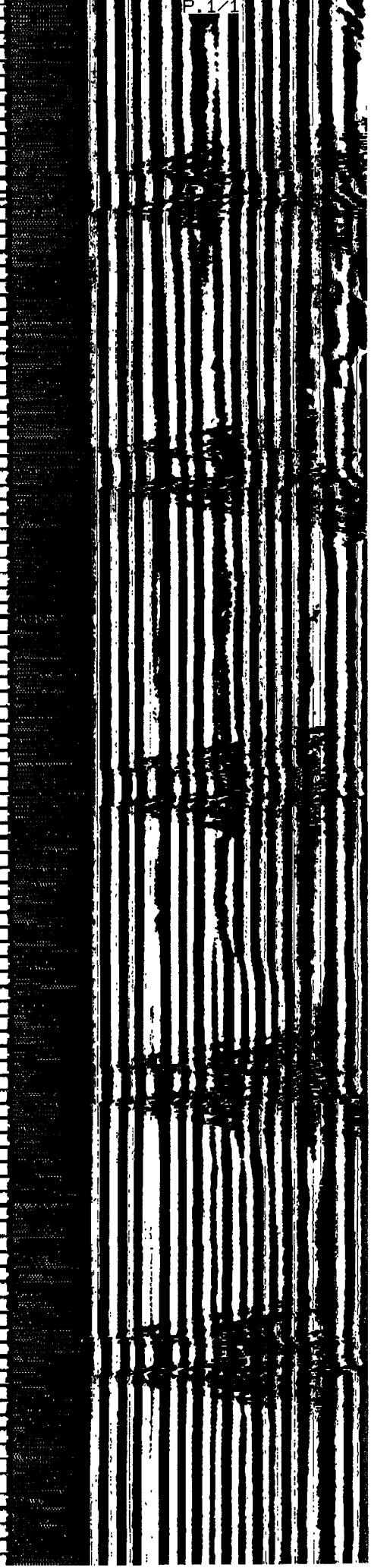
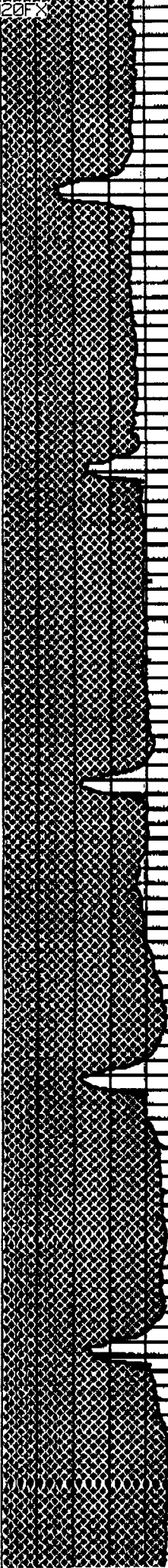


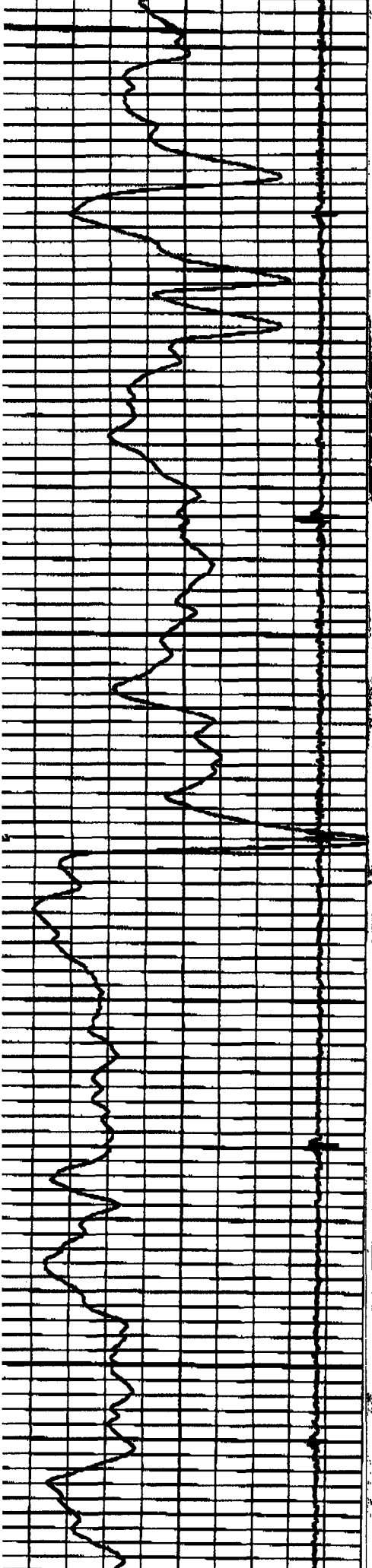




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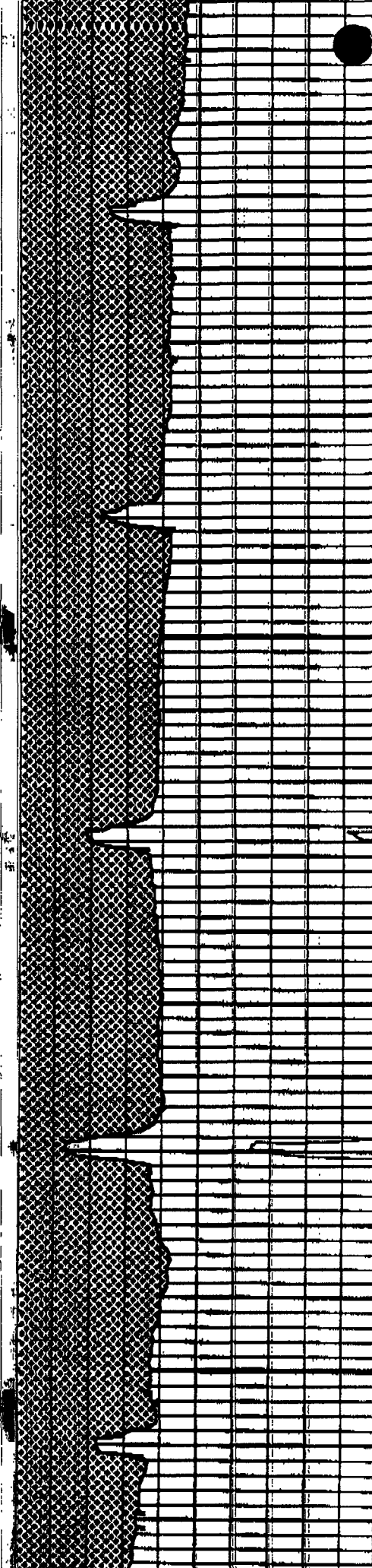
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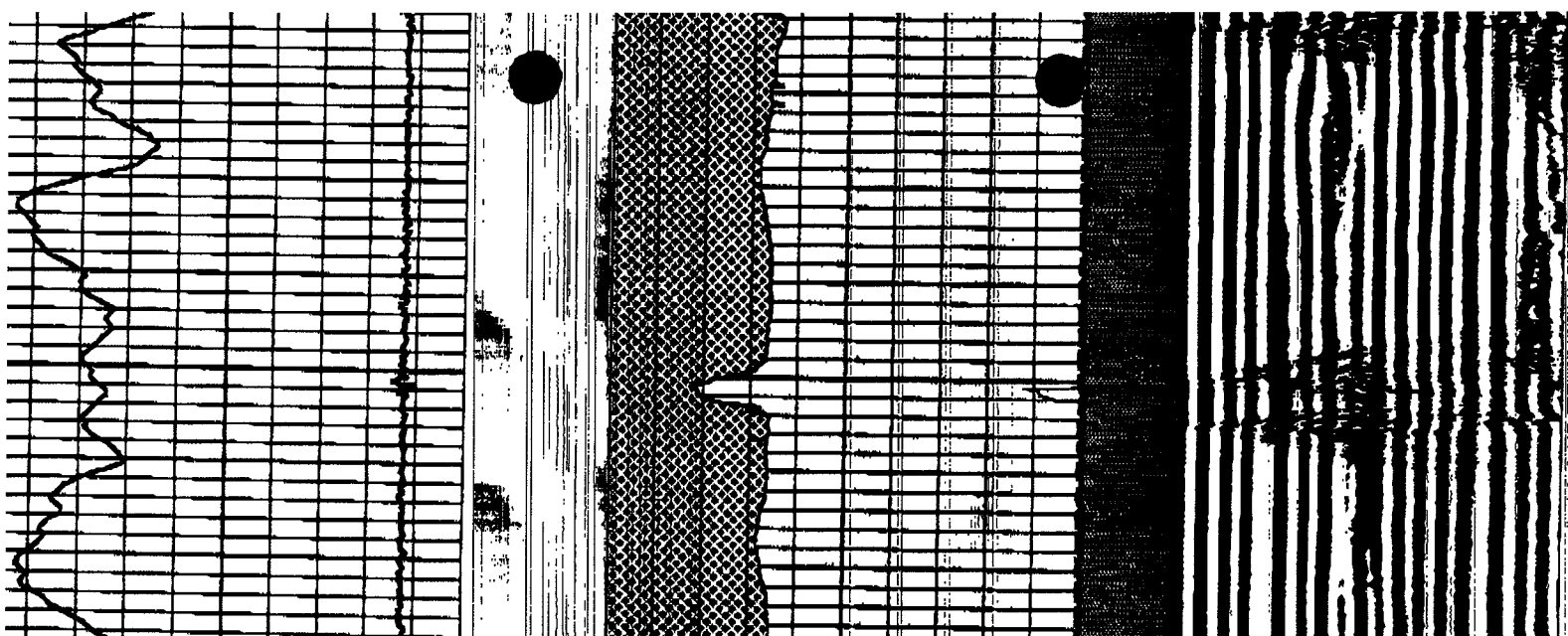




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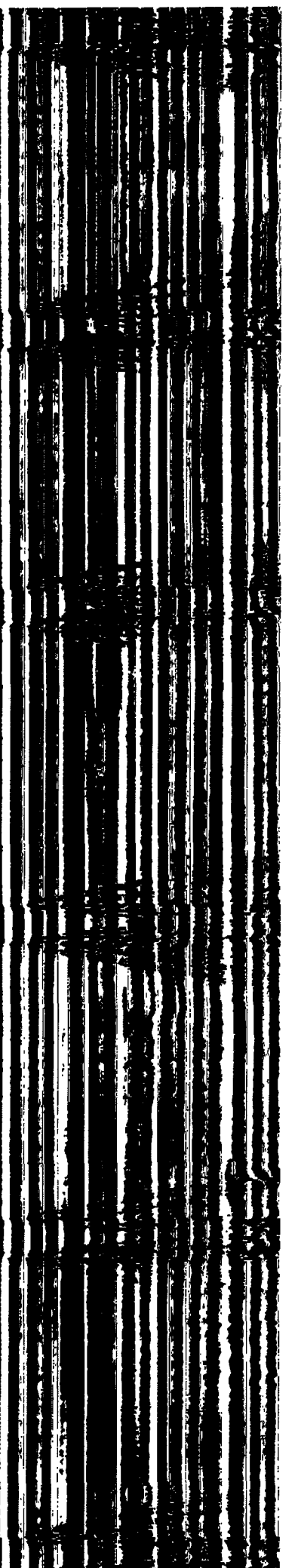
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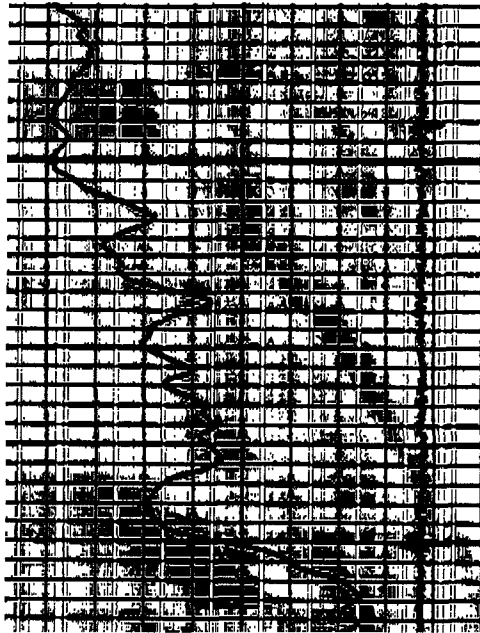


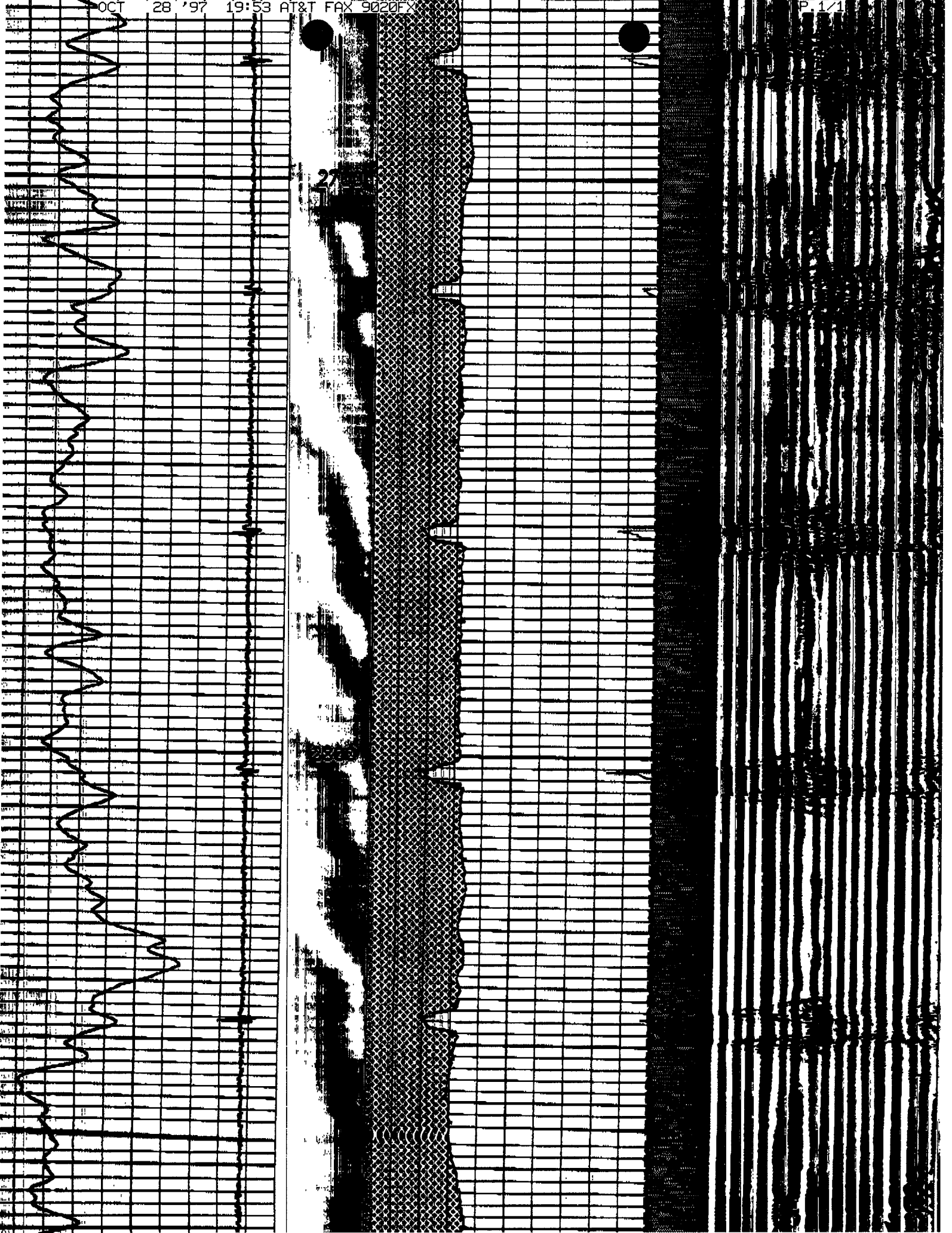


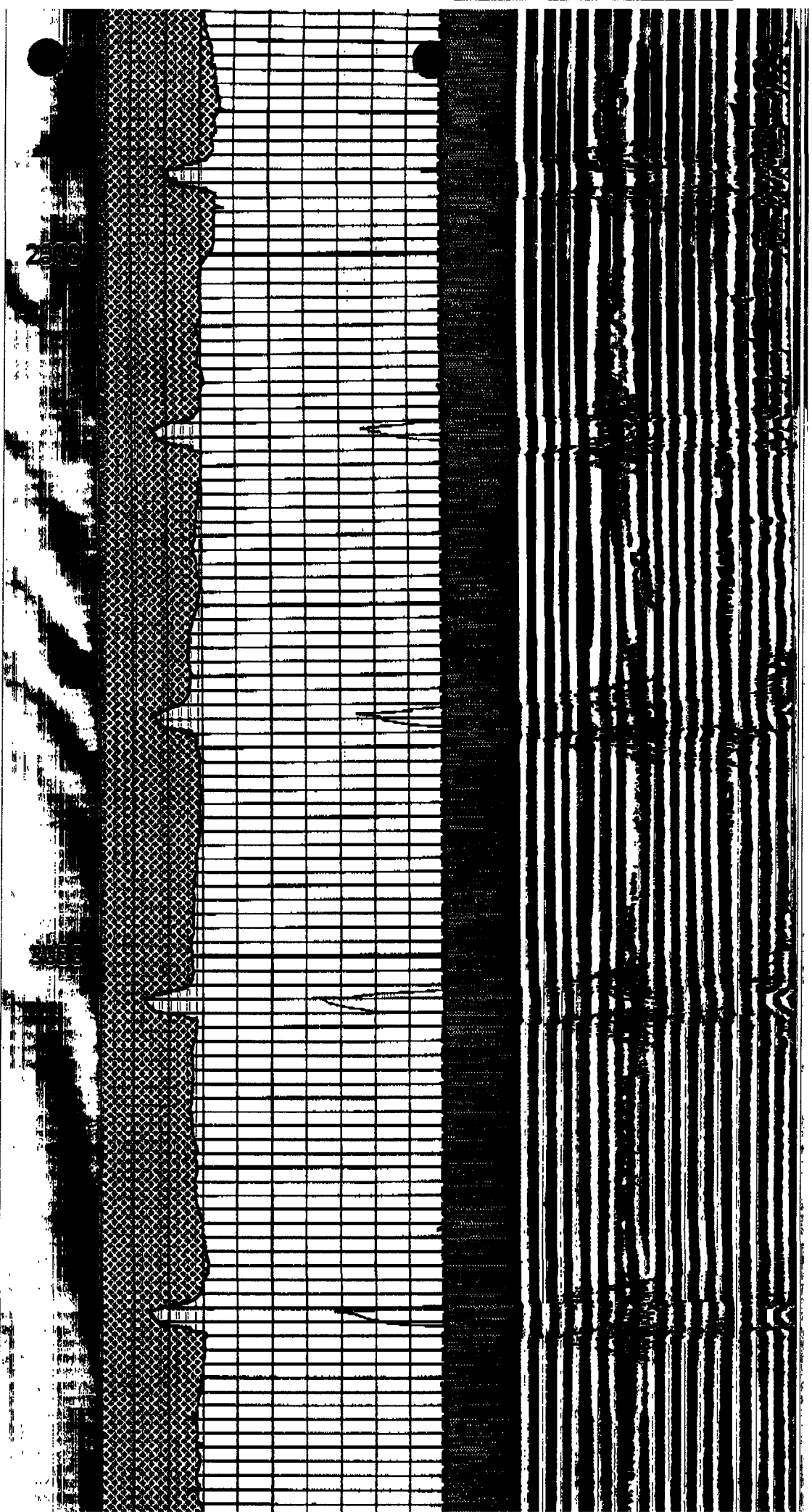
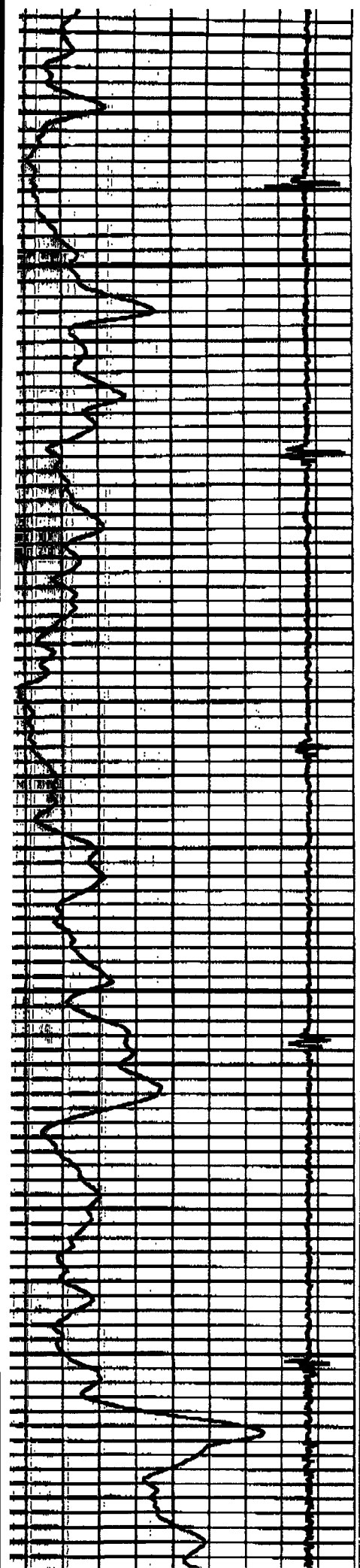
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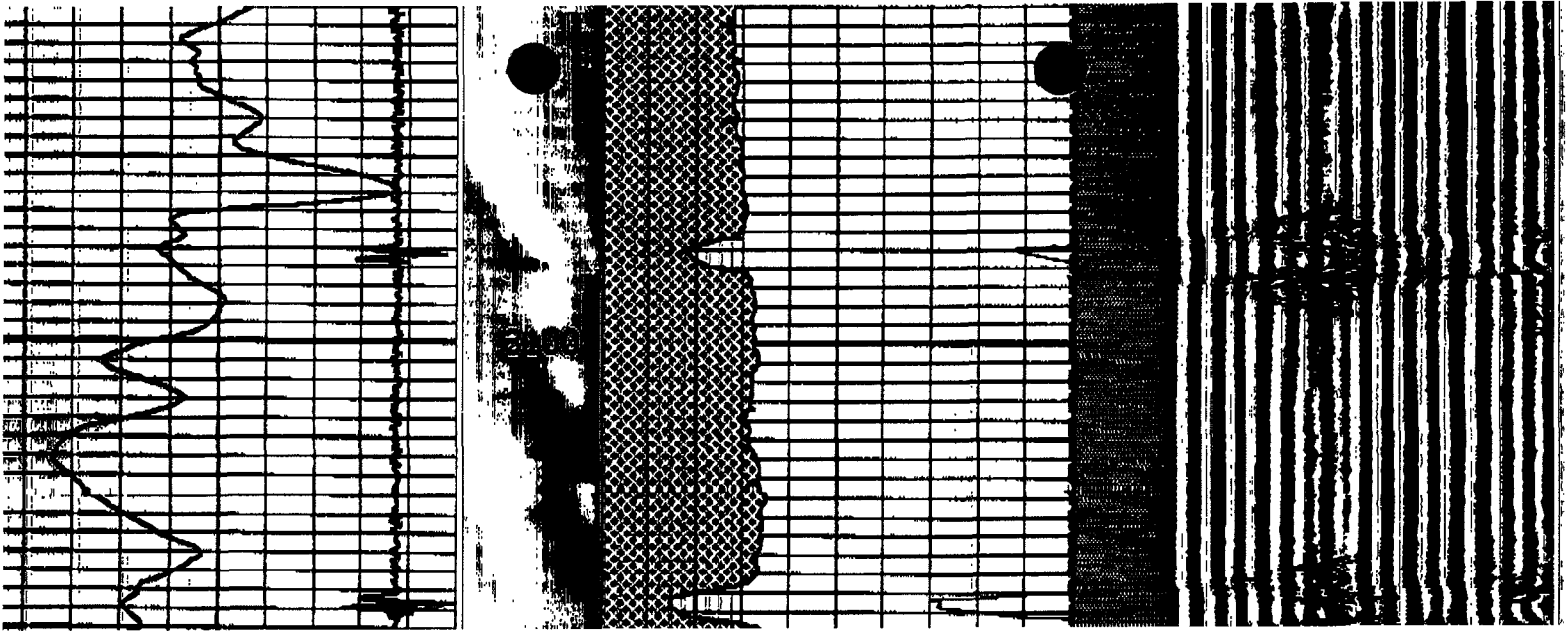
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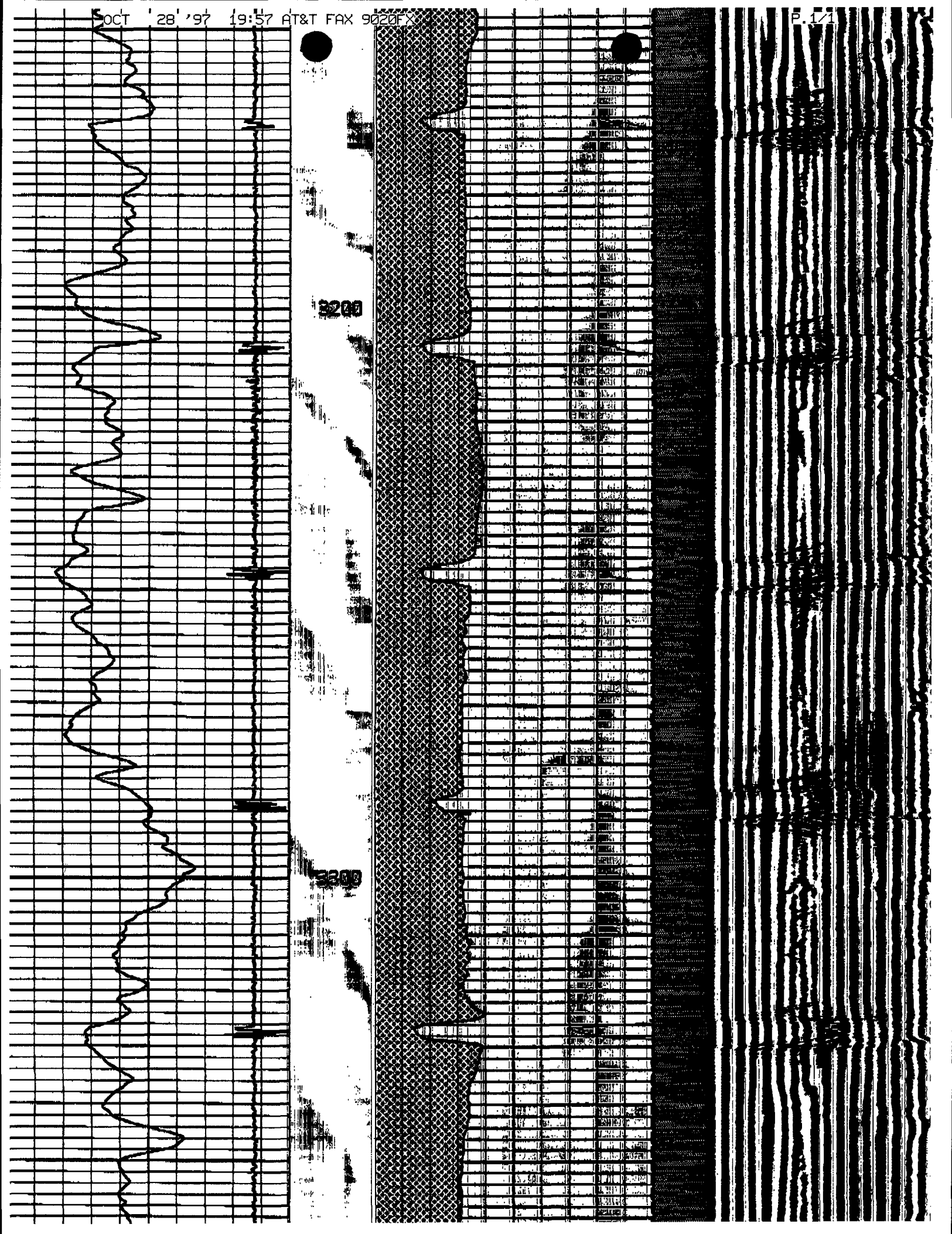


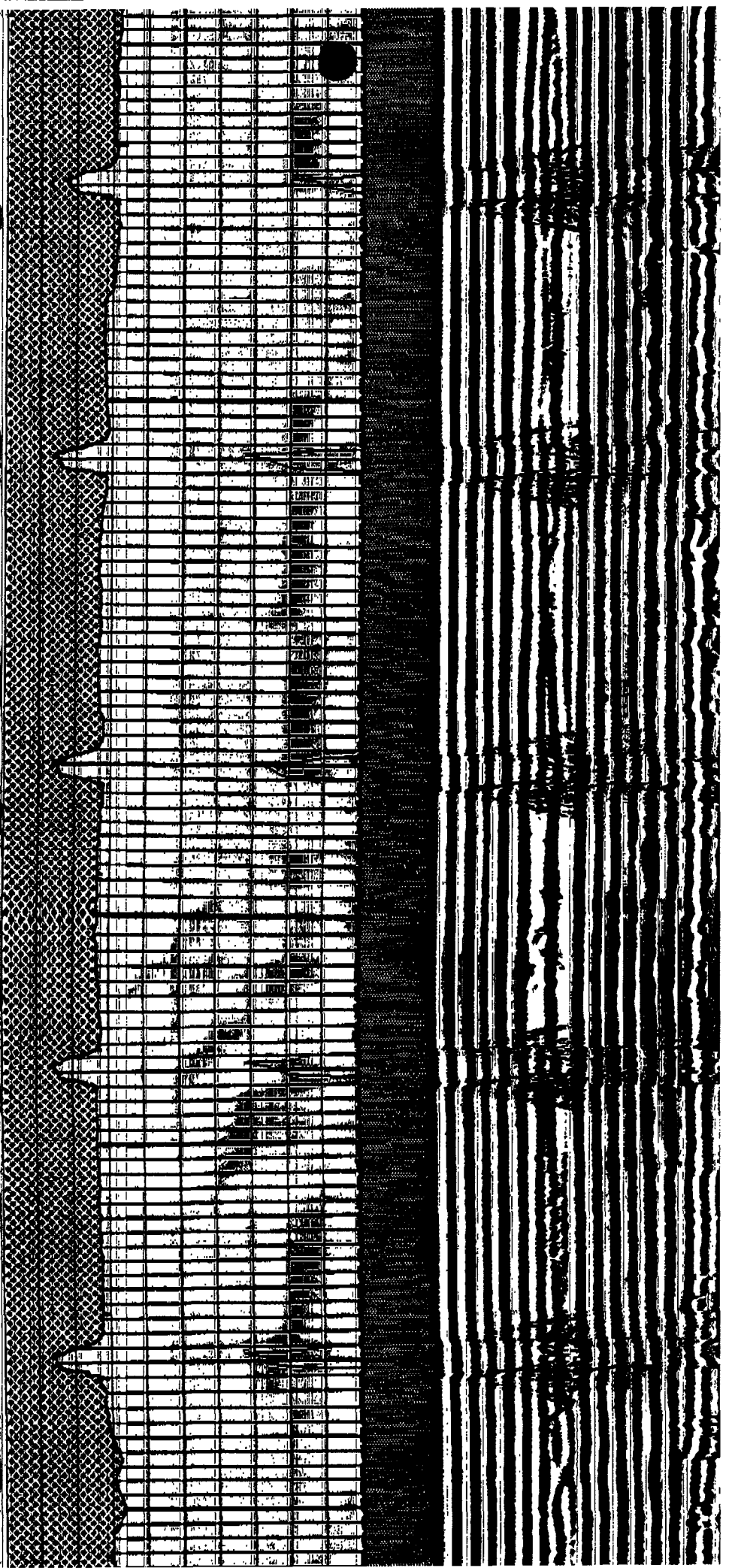
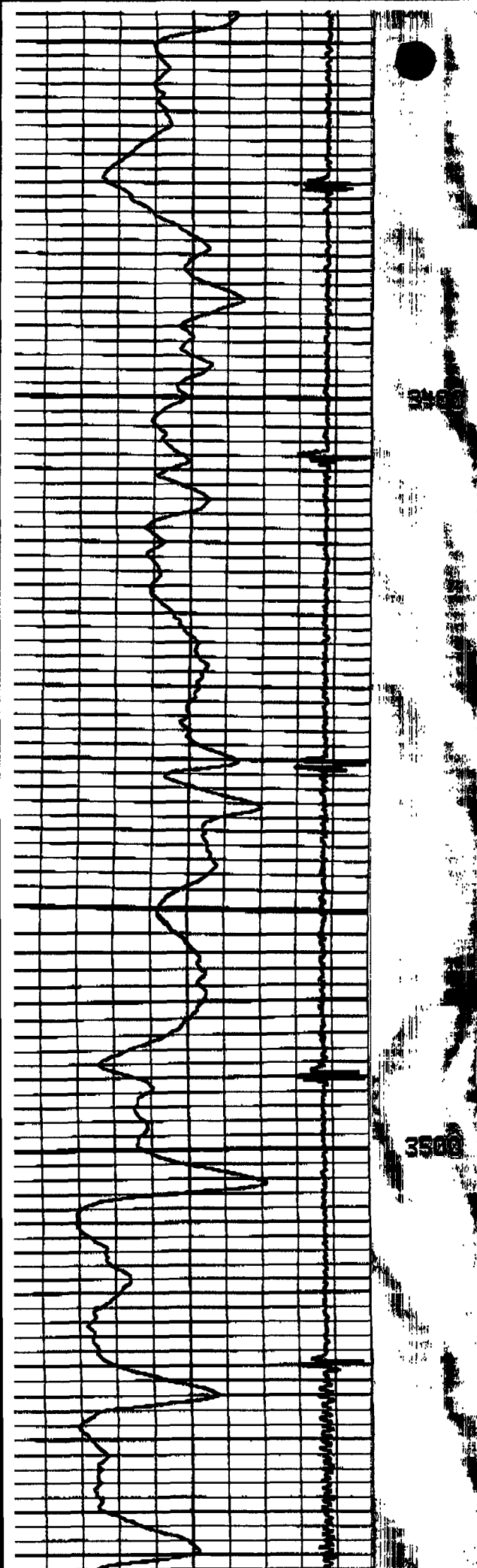


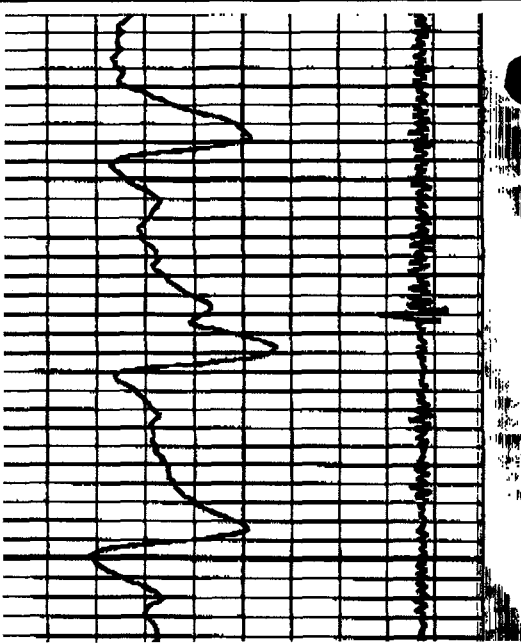


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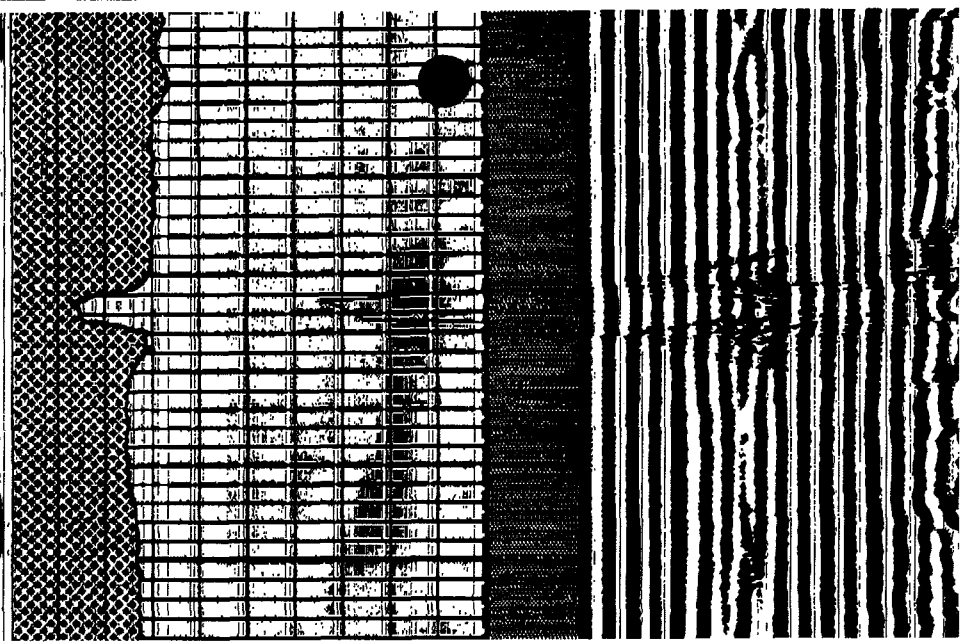
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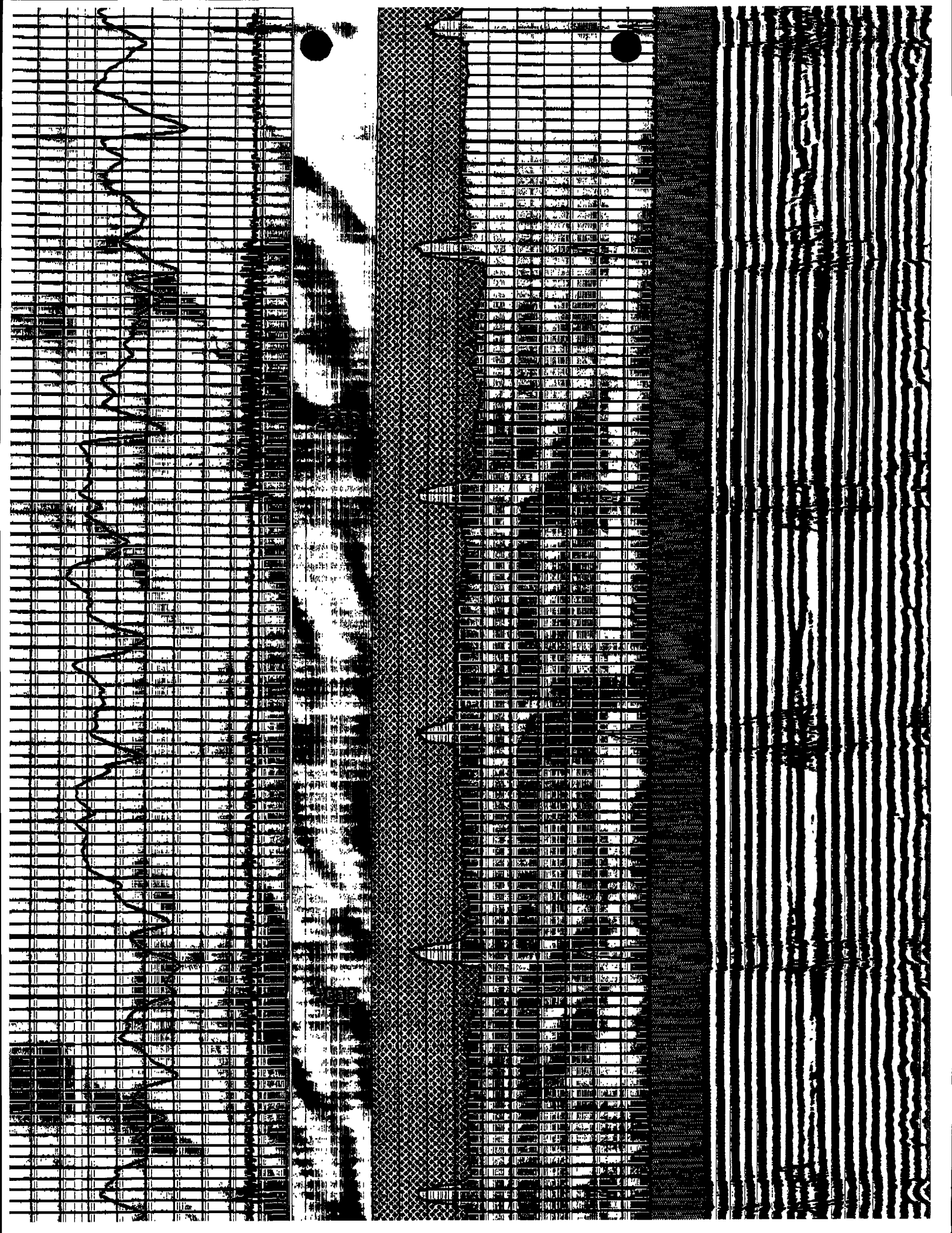


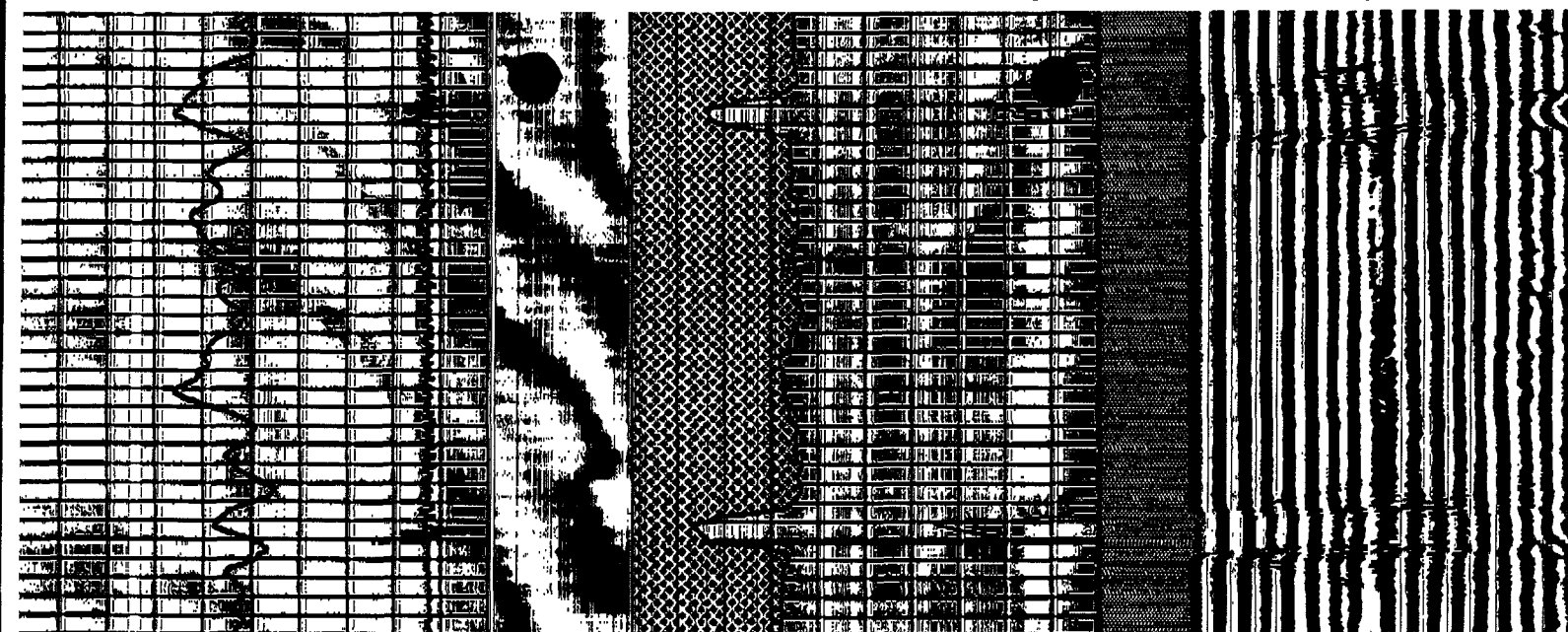
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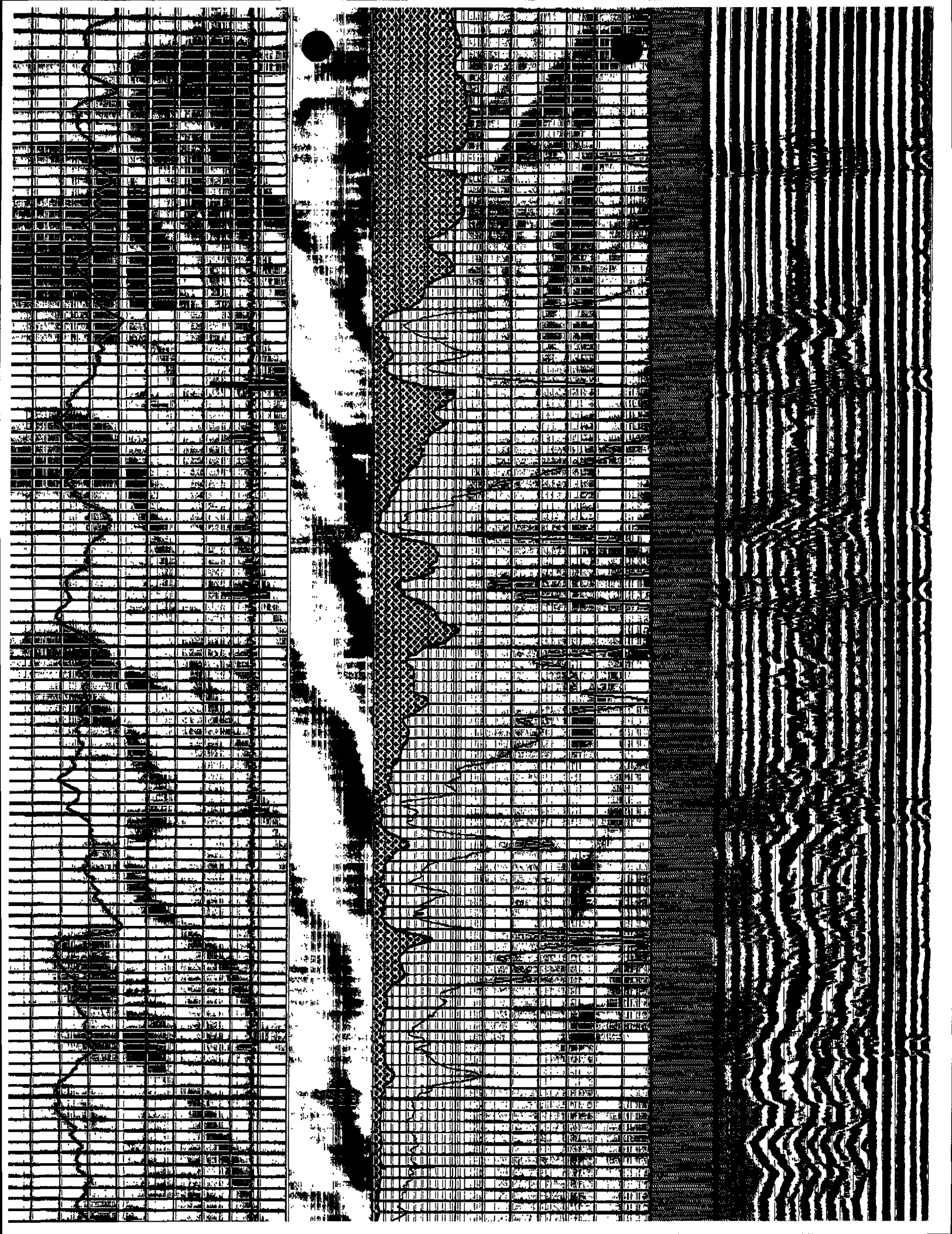
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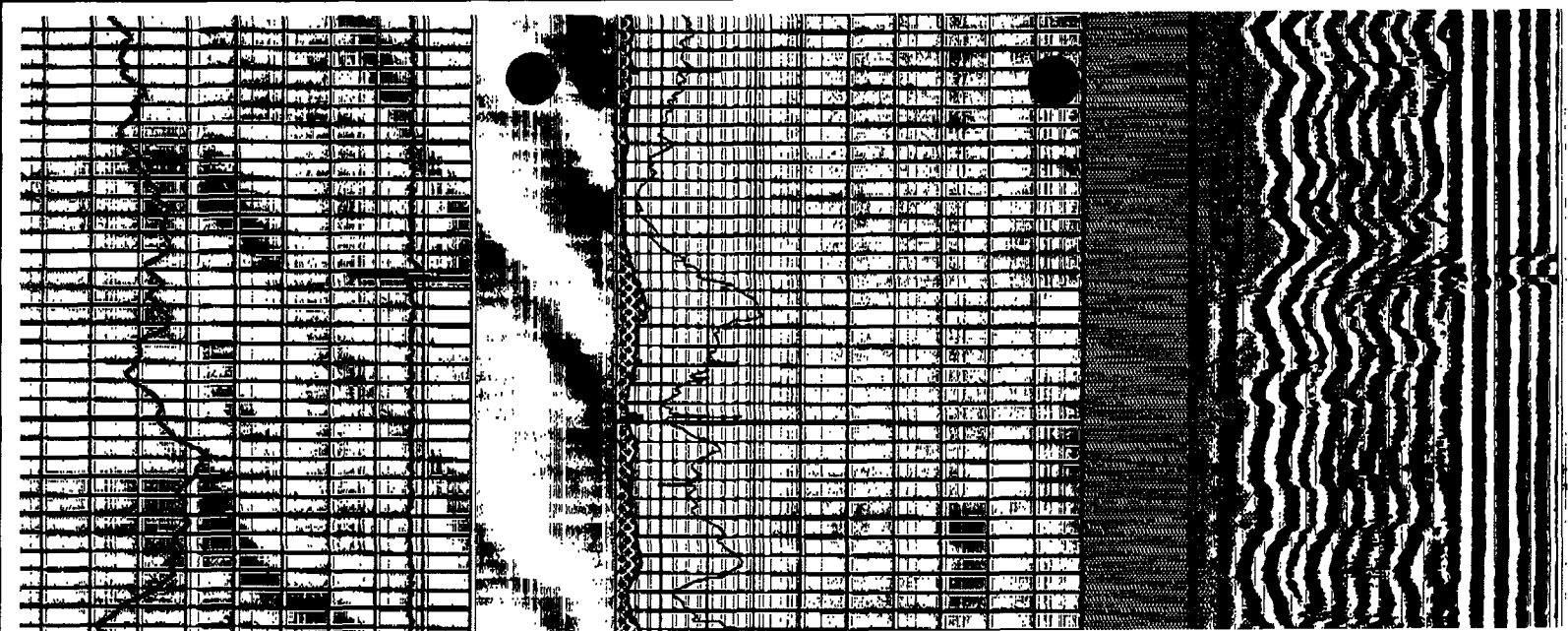
3300





4200





5500

10/28/97

10/28/97

10/28/97

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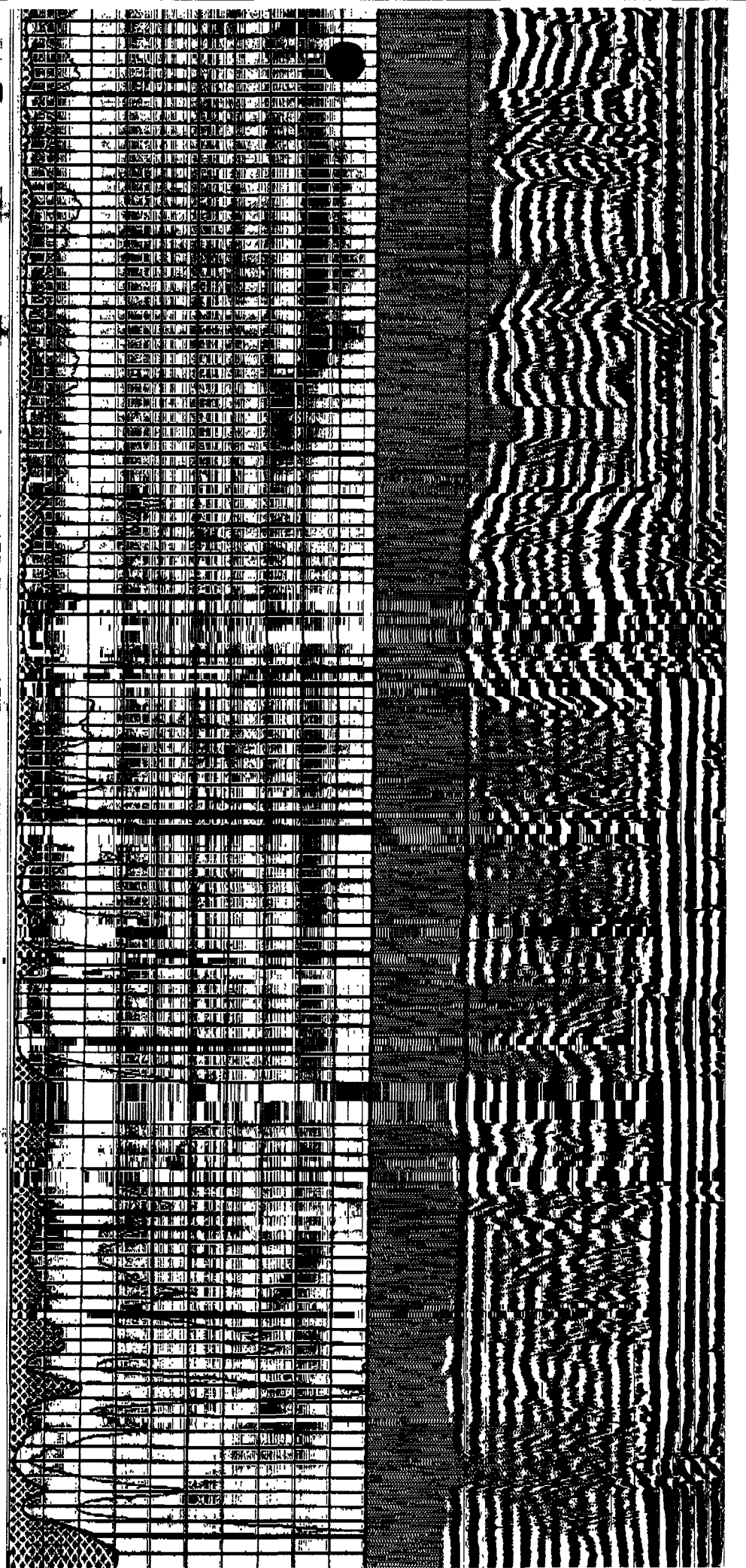
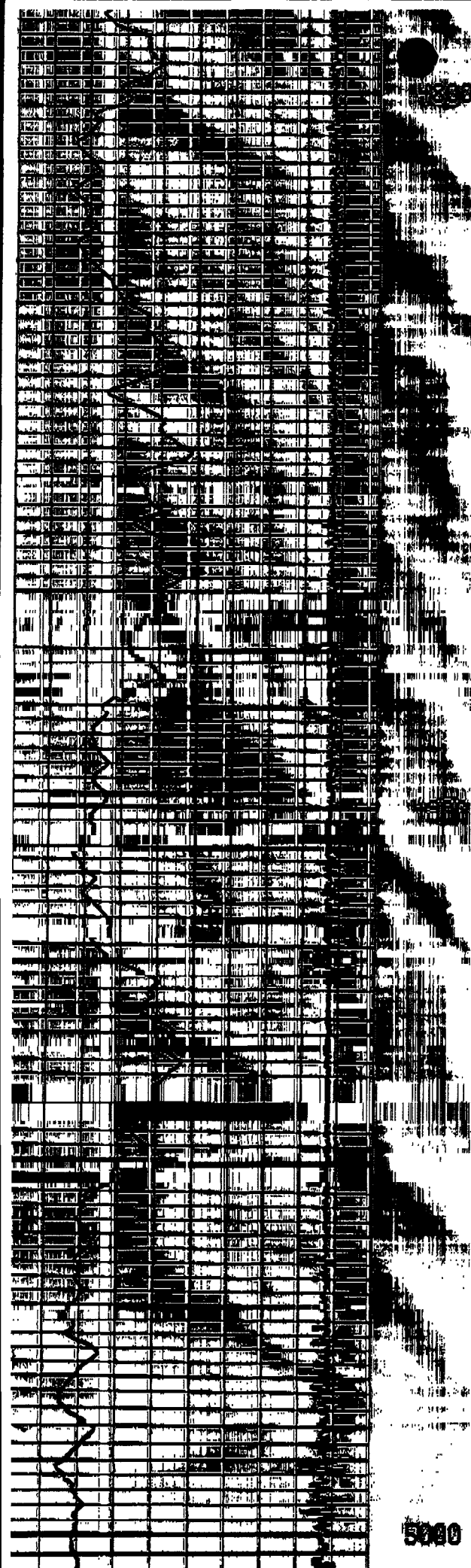
10/28/97

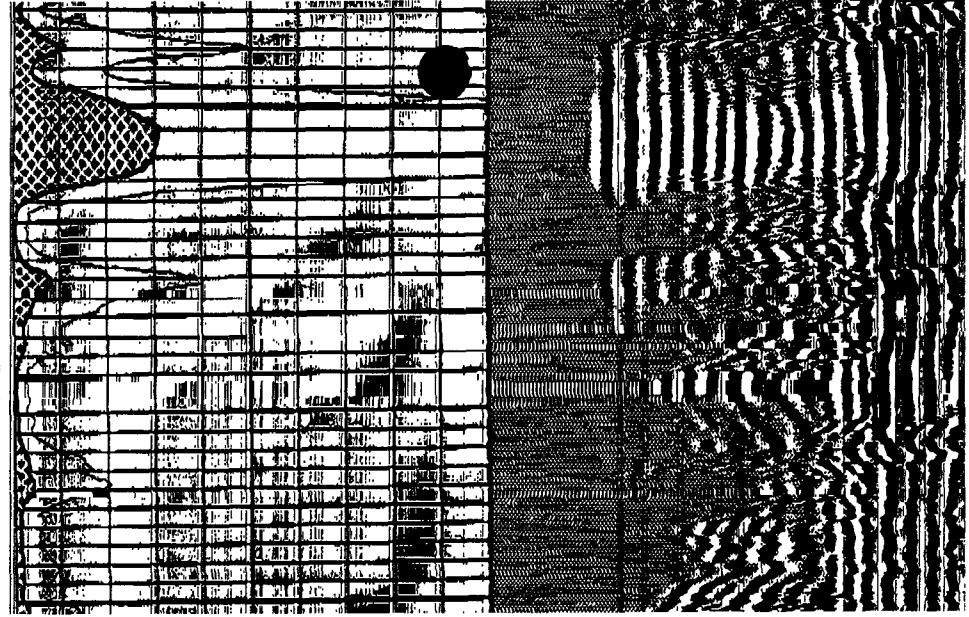
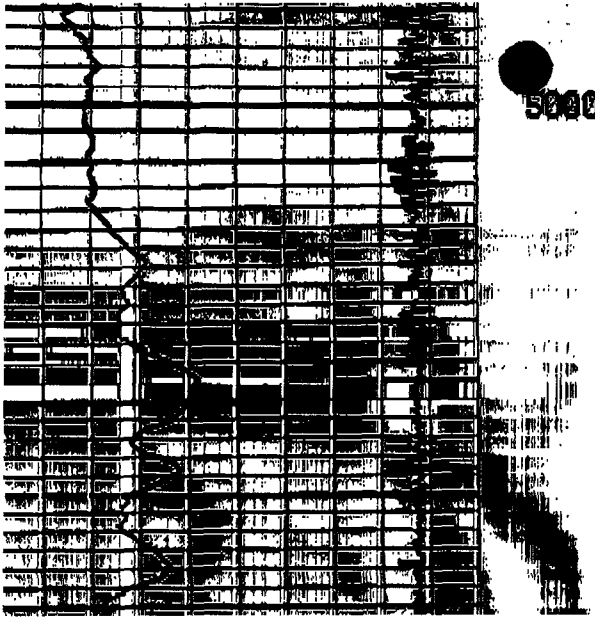
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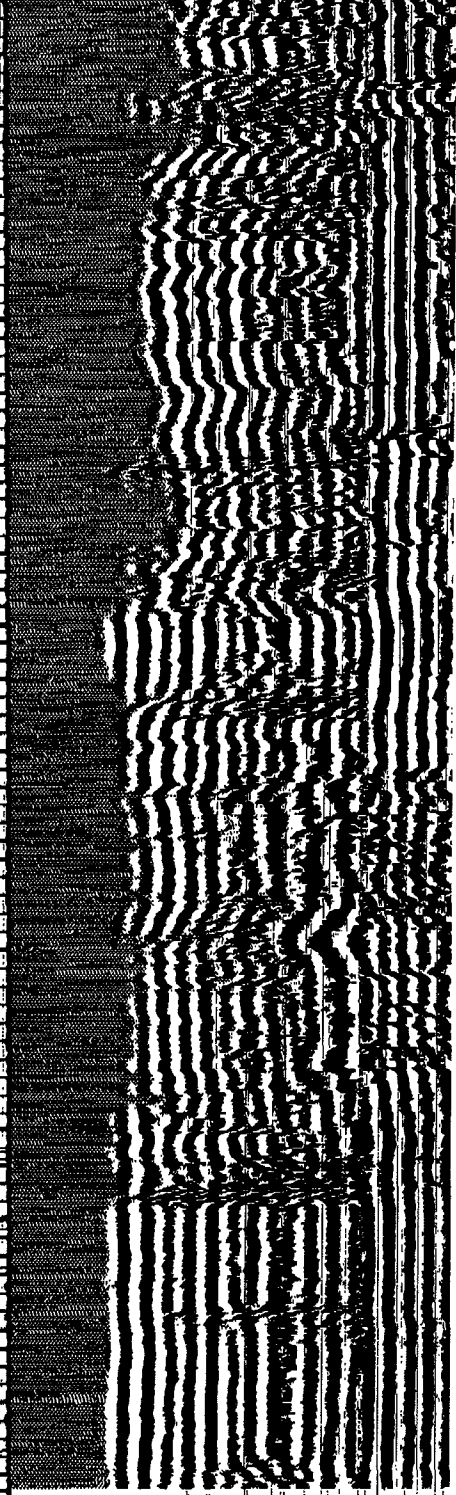
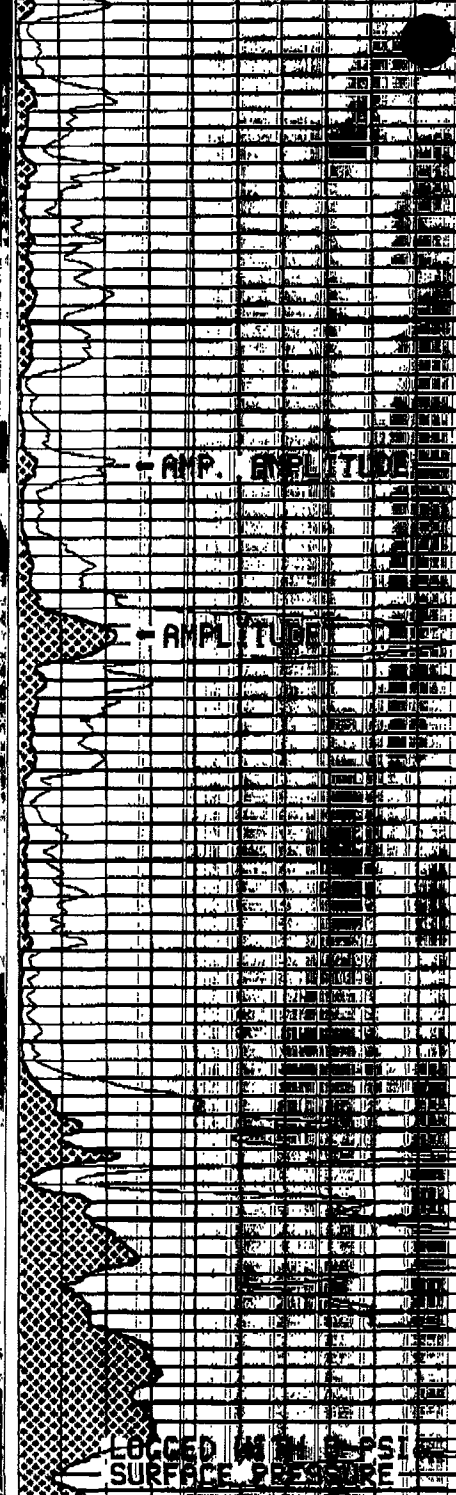
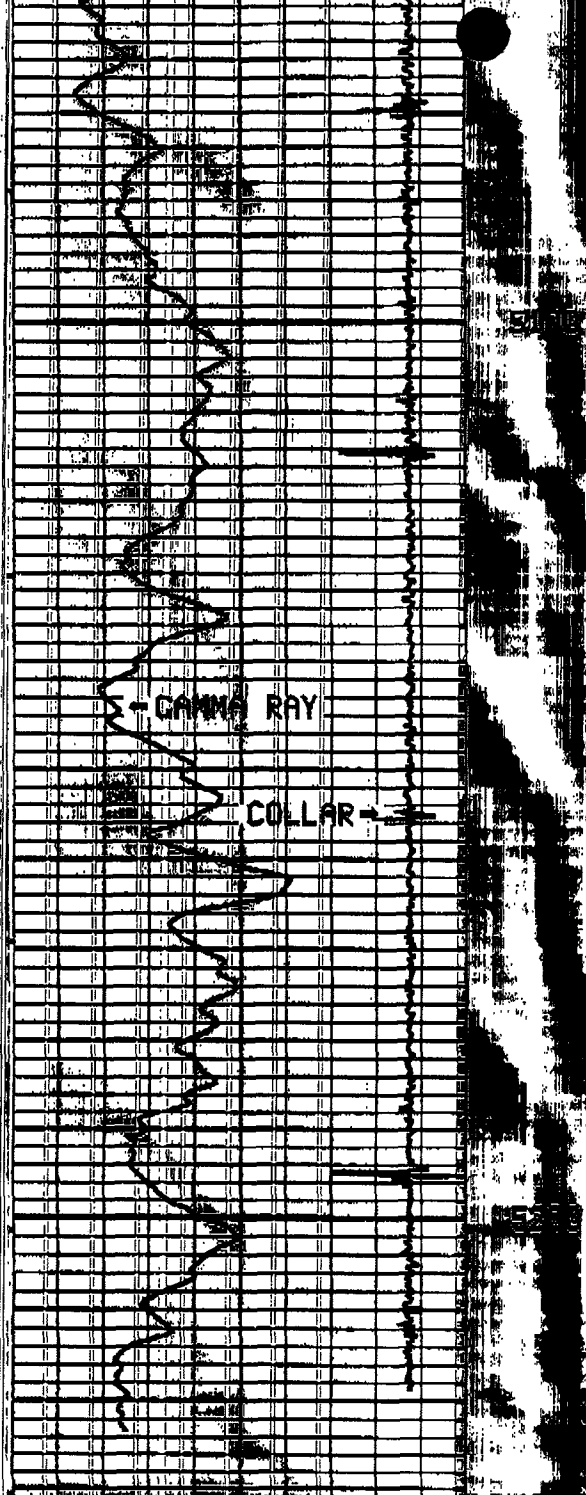
10/28/97

10/28/97

10/28/97







LOGGED IN IN S-PSI
SURFACE PRESSURE

DEPTH 15231 FT		DATE 10/28/97 TIME: 13:07	
GAMMA RAY		DELTA TIME	
150	300	1200	1800
MICROSECONDS		AMPLITUDE	
0	150	0	20
VOLUME		VDL	
-100.0	20.0	0	100
MICROSECONDS		MICROSECONDS	
		200	120



COASTAL OIL & GAS CORPORATION

P.O. BOX 120

ALTAMONT, UTAH 84001

(801) 454-3394

Date: 10/30/97

FACSIMILE TRANSMITTAL PAGE

This transmission consists of 2 pages (including cover)TO: DAN JARVIS / BRAD HILLFROM: SAM PRUTCH / MIKE ANGUS

Instructions:

QUESTIONS CALL SAM @ 303 795 5152 (Home)303 573 4484 (Wk)MIKE ANGUS @ 801 722 9297 (Home)

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UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-5066
Fax (801) 722-5727**WATER ANALYSIS REPORT**Company COASTAL OIL AND GAS

Address _____

Date 10-31-97Source RUN # 20Date Sampled 10-31-97

Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	9.8		
2. H ₂ S (Qualitative)	12.		
3. Specific Gravity	1.032		
4. Dissolved Solids		31,699	
5. Alkalinity (CaCO ₃)		CO ₂ 7,800	+ 30 260 CO ₂
6. Bicarbonate (HCO ₃)		HCO ₃ 3,600	+ 61 60 HCO ₃
7. Hydroxyl (OH)		OH 0	+ 17 0 OH
8. Chlorides (Cl)		Cl 2,800	+ 35.5 80 Cl
9. Sulfates (SO ₄)		SO ₄ 100	+ 48 2 SO ₄
10. Calcium (Ca)		Ca 5	+ 20 0 Ca
11. Magnesium (Mg)		Mg 1	+ 12.2 0 Mg
12. Total Hardness (CaCO ₃)		15	
13. Total Iron (Fe)		45.	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

0	Ca	←	HCO ₃	320
0	Mg	→	SO ₄	2
402	Na	→	Cl	80

Saturation ValuesCaCO₃

Distilled Water 20°C

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

FI - 1300

136 BBL

Compound	Eq. Wt.	X	Mg/l	-	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		320		26,880
Na ₂ SO ₄	71.03		2		142
NaCl	58.46		80		4,677

REMARKS _____

600 NH₃

** TOTAL PAGE. 05 **



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE:

11/3/97

FAX #

801-359-3940

ATTN:

DAN JAKVIS

COMPANY:

DDGM

FROM:

ROOSEVELT

DEPARTMENT:

DNR

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE):

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MESSAGES:

Water Sample From #114C6

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UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-5066
Fax (801) 722-5727**WATER ANALYSIS REPORT**Company STATE OF UTAH Address _____ Date 11-03-97Source 1-14C6 Date Sampled 10-31-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>9.8</u>		
2. H ₂ S (Qualitative)	<u>3.5</u>		
3. Specific Gravity	<u>1.028</u>		
4. Dissolved Solids		<u>27,599</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>6,600</u>	+ 30 <u>220</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>3,600</u>	+ 61 <u>59</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>2,500</u>	+ 35.5 <u>70</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>40</u>	+ 48 <u>1</u> SO ₄
10. Calcium (Ca)	Ca	<u>5</u>	+ 20 <u>0</u> Ca
11. Magnesium (Mg)	Mg	<u>0</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>15</u>	
13. Total Iron (Fe)		<u>6.0</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>279</u>		<u>23,436</u>	
Na ₂ SO ₄	71.03	<u>1</u>		<u>71</u>	
NaCl	58.46	<u>70</u>		<u>4,092</u>	

Saturation Values**Distilled Water 20°C**

CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS SWAB 34 252 BBL
FI-T200

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

Company STATE OF UTAH Address _____ Date 11-03-97
Source 1-14C6 Date Sampled 10-31-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.8</u>		
2. H ₂ S (Qualitative)	<u>3.5</u>		
3. Specific Gravity	<u>1.028</u>		
4. Dissolved Solids		<u>27,599</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>6,600</u>	÷ 30 <u>220</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>3,600</u>	÷ 61 <u>59</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>2,500</u>	÷ 35.5 <u>70</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>40</u>	÷ 48 <u>1</u> SO ₄
10. Calcium (Ca)	Ca	<u>5</u>	÷ 20 <u>0</u> Ca
11. Magnesium (Mg)	Mg	<u>0</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>15</u>	
13. Total Iron (Fe)		<u>6.0</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

0	Ca	←	HCO ₃	279
0	Mg	→	SO ₄	1
350	Na	→	Cl	70

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>279</u>		<u>23,436</u>
Na ₂ SO ₄	71.03		<u>1</u>		<u>71</u>
NaCl	58.46		<u>70</u>		<u>4,092</u>

Saturation Values

CaCO₃

CaSO₄ · 2H₂O

MgCO₃

Distilled Water 20°C

13 Mg/l

2,090 Mg/l

103 Mg/l

REMARKS SWAB 34 252 BBL
FI-1200

** TRANSMIT CONFIRMATION REPORT **

Journal No. : 002
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Transmitter : DIV OIL GAS & MINING
Date : Nov 3,97 15:59
Document : 02 pages
Time : 01'15"
Mode : G3 NORMAL
Result : OK

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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Governor
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James W. Carter
Division Director

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Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: 11/3/97
FAX # 801-359-3940
ATTN: DAN JAKVIS
COMPANY: DIGM
FROM: ROOSEVELT
DEPARTMENT: DNR
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Water Sample From #14C6

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6-7 minute m/c 31776
7 9516E
43-013-31773
25
7778
Kevin Smith
505-334-3733

GREATER ALTAMONT FIELD

UTE #1-14C6

Section 14 - T3S - R6W

Duchesne County, Utah

Perforations for Water Injection

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Bond Run #1 10/28/97
4,413	4,413	4,399
4,414	4,414	4,400
4,415	4,415	4,401
4,416	4,416	4,402
4,417	4,417	4,403
4,418	4,418	4,404
4,419	4,419	4,405
4,420	4,420	4,406
4,421	4,421	4,407
4,422	4,422	4,408
4,423	4,423	4,409
4,424	4,424	4,410
4,425	4,425	4,411
4,426	4,426	4,412
4,427	4,427	4,413
4,428	4,428	4,414
4,430	4,430	4,416
4,433	4,433	4,419
4,436	4,436	4,422
4,439	4,439	4,425
4,442	4,442	4,428
4,445	4,445	4,431
4,448	4,448	4,434
4,451	4,451	4,437
4,454	4,454	4,440
4,455	4,455	4,441
4,456	4,456	4,442
4,457	4,457	4,443
4,458	4,458	4,444
4,459	4,459	4,445
4,460	4,460	4,446
4,461	4,461	4,447
4,462	4,462	4,448
4,463	4,463	4,449
4,464	4,464	4,450
4,467	4,467	4,453
4,470	4,470	4,456
4,473	4,473	4,459
4,476	4,476	4,462
4,479	4,479	4,465
4,482	4,482	4,468
4,485	4,485	4,471
4,486	4,486	4,472
4,487	4,487	4,473
4,488	4,488	4,474
4,489	4,489	4,475
4,490	4,490	4,476
4,493	4,493	4,479
4,496	4,496	4,482

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Bond Run #1 10/28/97
4,499	4,499	4,485
4,502	4,502	4,488
4,505	4,505	4,491
4,508	4,508	4,494
4,511	4,511	4,497
4,514	4,514	4,500
4,517	4,517	4,503
4,520	4,520	4,506
4,523	4,523	4,509
4,526	4,526	4,512
4,529	4,529	4,515
4,532	4,532	4,518
4,535	4,535	4,521
4,538	4,538	4,524
4,541	4,541	4,527
4,544	4,544	4,530
4,547	4,547	4,533
4,550	4,550	4,536
4,553	4,553	4,539
4,556	4,556	4,542
4,559	4,559	4,545
4,562	4,562	4,548
4,565	4,565	4,551
4,568	4,568	4,554
4,571	4,571	4,557
4,574	4,574	4,560
4,577	4,577	4,563
4,580	4,580	4,566
4,596	4,596	4,582
4,598	4,598	4,584
4,600	4,600	4,586
4,602	4,602	4,588
4,604	4,604	4,590
4,606	4,606	4,592
4,608	4,608	4,594
4,610	4,610	4,596
4,612	4,612	4,598
4,614	4,614	4,600
4,616	4,616	4,602
4,618	4,618	4,604
4,620	4,620	4,606
4,634	4,634	4,621
4,644	4,644	4,631
4,654	4,654	4,641
4,656	4,656	4,643
4,658	4,658	4,645
4,660	4,660	4,647
4,662	4,662	4,649
4,664	4,664	4,651

S. H. Laney

11/6/97

98 ZONES

C6-14P1C.WK4

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-3809

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute 1-14C6

9. API Well No.

43-013-30056

10. Field and Pool, or exploratory Area

Cedar Rim

11. County or Parish, State

Duchesne Co. Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

SWD

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1939' FNL & 2115' FEL

SW/NE Section 14-T3S-R6W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Increase Test Interval

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

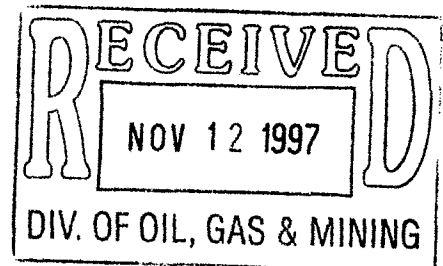
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator has been unable to establish a satisfactory injection rate in existing interval during conversion procedures for the subject well. Therefore, Operator requests approval to test the formation down to 6,200' (which is above the top of the Lower Green River).

Verbal approval obtained from Dan Jarvis w/State of Utah, Division of Oil, Gas & Mining, and John Carson w/EPA on 11/7/97.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date

11/10/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-3809

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute 1-14C6

9. API Well No.

43-013-30056

10. Field and Pool, or exploratory Area

Cedar Rim

11. County or Parish, State

Duchesne Co. Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil
Well

☐ Gas
Well

☒ Other

SWD

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1939' FNL & 2115' FEL

SW/NE Section 14-T3S-R6W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

T&A

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

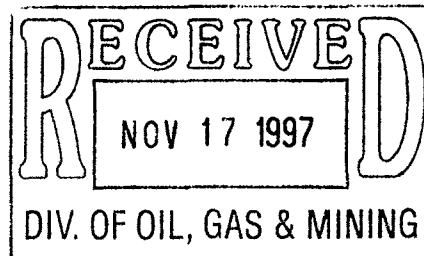
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests permission to temporarily abandon the subject well while further disposal options can be evaluated. The well will be T&A'd by setting a cement retainer at +/- 4,363' (50' above the top perforation of 4,413'), pumping 140 sx of Class "G" cement below the cement retainer (378' of fill), and pumping 10 sx of Class "G" cement above the cement retainer (27' of fill).

Verbal approval obtained from Dan Jarvis w/State of Utah, Division of Oil, Gas & Mining, and Emmett Schmitz w/EPA on 11/13/97.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date

11/13/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 749

Denver, CO 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12354	43-013-30056	Ute 1-14C6	SWNE	14	3S	6W	Duchesne	9/23/97	9/23/97
WELL 1 COMMENTS: Re-entry for SWD conversion. <i>Entity added 4-21-98. Lec</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Sheila Bremer
Signature Sheila Bremer
Environmental/Safety Analyst 4/16/98
Title _____ Date _____
Phone No. (303) 573-4455



Coastal
The Energy People

April 22, 1998

Dan Jarvis
State of Utah
Division of Oil, Gas, and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84114

Dear Dan:

Coastal recently attempted to convert the Ute #1-14C6 and the Rhoades-Moon #1-36B5 located in Altamont Field to water disposal wells. All injection tests in the permitted Upper Green River interval were unsuccessful. Coastal would now like to obtain permission to test the Uinta interval for injection. The enclosed study examines the existing water disposal wells in the southwestern portion of Altamont Field and how injecting into the Uinta in the #1-14C6 and the #1-36B5 might affect potential aquifers. If there is other data that you would like to examine, please let us know.

Sincerely,

Steve Laney
Senior Geologist
Coastal Oil and Gas

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

DISPOSAL OF PRODUCED WATERS IN SOUTHWESTERN ALTAMONT FIELD
A REVIEW OF EXISTING DISPOSAL WELLS AND A STUDY OF THE POSSIBILITY OF
UINTA INJECTION IN THE UTE #1-14C6 AND THE RHOADES-MOON #1-36B5

Purpose

The purpose of this study is to determine if produced waters can be injected into the Uinta Formation in the Ute #1-14C6 and the Rhoades-Moon #1-36B5 without affecting any aquifers that might be used for drinking or agricultural purposes.

Proposal

Coastal proposes circulating cement behind pipe in both wells and then testing the following Uinta intervals for injection:

#1-36B5 4,040 - 5,150

#1-14C6 2,360 - 3,500

Background

Production costs in Altamont Field are escalating due to several factors: the waxy characteristics of the crude, the deep target depths, low average oil production rates, and the production of substantial quantities of water. Water disposal costs are held in check by an extensive network of pipelines and disposal wells. As existing disposal wells approach fillup and their injection capacities are reduced, it is imperative that new disposal wells be established. Failure to do this and expand the existing disposal network will result in prohibitive production costs and the premature abandonment of many of the currently producing wells.

The currently approved injection interval is the Upper Green River. Coastal recently attempted to convert two wells in Altamont Field to water disposal wells (#1-14C6 and #1-36B5). Both wells tested the Upper Green River interval which was too tight to allow for suitable injection pressures. The only exception was an interval in the 1-14C6 that flowed high pH water which is incompatible with produced waters from the Wasatch.

Due to the disappointing Upper Green River injection results in the proposed disposal wells, Coastal is left with three alternatives: attempt injection in the deeper Lower Green River interval, attempt injection in the shallower Uinta Formation, or abandon these wells. The Lower Green River Formation is included in the Altamont-Bluebell Field spacing order which does not provide for injection, thus Coastal would like to avoid injection into the Lower Green River at this time. Abandonment of these wells would be a significant economic setback because of

Coastal's need for new disposal capacity and the cost of attempting conversions in other wells. Coastal's best alternative is to obtain permission to attempt injection in the Uinta Formation.

Scope of the Study

Area:

Townships 2S-4W through 2S-7W and 3S-4W through 3S-7W in Duchesne County, Utah

Water Disposal Wells:

Lakefork #2-23B4 (Sec 23-2S-4W)
Russell #2-32B4 (Sec 32-2S-4W)
Tew #1-9B5 (Sec 9-2S-5W)
Erich #2-11B5 (Sec 11-2S-4W)
LDS Church #2-27B5 (Sec 27-2S-5W)
Bluebench #13-1 (Sec 13-3S-5W)
Saleratus #2-17C5 (Sec 17-3S-5W)
Ute #1-A (Sec 18-3S-6W)
SWD #1 (Sec 24-3S-6W)

Proposed Disposal Wells:

Rhoades-Moon #1-36B5 (Sec 36-2S-5W)
Ute #1-14C6 (Sec 14-3S-6W)

Discussion

A paper by M. Dane Picard, 1957, was used as the stratigraphic basis for this study. The top of Picard's Green River delta facies is what Coastal uses as the top of the Lower Green River and is also the top of the formations which are subject to the spacing order in Altamont-Bluebell Field. The top of the Upper Green River is a much more complex question. As Picard noted, it is difficult to place the Uinta/Green River contact in the subsurface, and in the central part of the Uinta Basin (the location of this study) the boundary is tentatively placed near the middle of the Saline Facies. For convenience sake and for permitting purposes the top of the Saline Facies is used as the top of the Upper Green River. Enclosure No. 1 is a structure map at the top of the Saline Facies.

Coastal wanted to convert the #1-14C6 and the #1-36B5 to water disposal wells and obtained permission to test the Upper Green River in both these wells for possible injection. The results of Coastal's tests are summarized in the following two paragraphs.

#1-14C6 History: The #1-14C6 was originally completed in July, 1971 as a Wasatch producer. After three recompletions in the Wasatch, the Upper Green River was perforated in July, 1977, from 4730 to 5192 and flowed 1040 BW in 13 hours. This was close to an interval noted on the mud log (5240') where the hole began to flow during drilling. The well was subsequently

abandoned. In October and November of 1997, Coastal re-entered this well and began testing Upper Green River intervals for injection. An effort was made to avoid any zones that might flow water. The following is a brief summary of Coastal's injection attempts:

- (1) Perfed 4731-5032 Injected 3 BPM @ 1000 psig
- (2) Perfed 4583-4676 Injected 2.4 BPM @ 1700 psig
Acidized Injected 2.3 BPM @ 1425 psig
- (3) Perfed 4413-4664 Injected 2.3 BPM @ 1475 psig
- (4) Perfed 5519-6143 Well flowed 1.3 BPM high pH water (up to pH 9.9). Coastal determined that the formation water would react adversely with the potential injection waters.

#1-36B5 History: The #1-36B5 was initially completed in the Wasatch in June, 1974. Additional Wasatch perforations were added in 1976 and the Lower Green River was perforated in 1988. In January, 1998, Coastal re-entered this well and made the following injection attempts:

- (1) Perfed 6610-6820 Injected 3.5 BPM @ 1200 psi
- (2) Perfed 6490-6576 Injected 2 BPM @ 2600 to 3800 psi
Acidized Injected 9 BPM @ 4700 to 5000 psi
- (3) Perfed 6440-6480 Injected 2 BPM @ 2500 psi
- (4) Perfed 5270-6170 Injected 3.5 BPM @ 1500 psi

Coastal would like to establish injection rates of 4 bpm or greater. The maximum injection pressures set by the EPA for the permitted intervals were 918 psig for the #1-14C6 and 1116 psig for the #1-36B5. As demonstrated, none of the intervals tested were suitable. The only zone not pressure tested in the #1-14C6 (5519-6142') had formation water with pH values up to 10. Deeper Upper Green River zones were not tested in the #1-36B5 because of the results of the #1-14C6. Enclosure No. 2 is a stratigraphic cross section hung on the top of the saline facies. This cross section includes all the disposal wells covered by this study along with Coastal's proposed injection wells. The intervals tested in the proposed injection wells are shown. Three of the disposal wells on this cross section have injection intervals in the Upper Green River. The data show that economic injection into the Upper Green River has been established only when an obvious porous zone can be found, as is the case in the Ute #1A (sec 18-3S-6W) which is injecting into a 70' sand with good porosity and permeability. This sand body trends NE-SW and pinches out before it gets to the #1-14C6. No similar reservoirs are found in the Upper Green River in the #1-14C6 or the #1-36B5.

The Altamont #1 SWD (sec 24-3S-6W) was completed as an injection well in the Upper Green River in 1975 using an uncemented slotted liner. The initial injection rate was very low (395 BWPD, .3 BPM). In 1977 the operator proposed adding perforations in the Uinta. There is no record that this work was ever done; however, a recent examination of this well by state and federal regulatory personnel indicates that the injection interval is probably shallower than the Upper Green River.

The Bluebench #13-1 (sec 13-3S-5W) has perforations in the Upper Green River and the Lower

Green River. It is possible that most of the water being injected in this well is going into the Lower Green River; therefore, this well does not provide conclusive proof that an Upper Green River interval similar to the #1-14C6 and the #1-36B5 can be successfully used for disposal.

As evidenced by Enclosure No. 2, most of the disposal wells are injecting into the Uinta Formation. A fairly complete compilation of formation water analyses from the Uinta injection intervals shows that all but one zone have total dissolved solids (TDS) greater than 10,000 ppm or mg/l. A small shallow interval in the #2-11B5 had TDS of 8,956 mg/l; however, the zone immediately above this had a salinity value of 10,320 ppm. It is apparent that none of these zones could reasonably be used as a source of drinking or agriculture water without expensive treatment.

The next question is whether waters injected into the Uinta could break through and contaminate other aquifers which are used for drinking water. Enclosure No. 3 is a structural cross section showing the #1-14C6 and the #1-36B5 and the proposed Uinta injection intervals. Since no shallow resistivity log exists for the #1-36B5, the log from the nearby #1-6C4 (sec 6-3S-4W) was used and depth adjusted. A search was made of all existing water wells within a one section radius of each of the proposed injection wells, and the deepest ones were projected along structural strike into the cross section. Lithologic information was obtained from mud log data. Since the mud logs for the #1-14C6 and the #1-36B5 begin below the Uinta, mud logs from the #2-14C6 and the #1-6C4 were incorporated. The data from the #2-14C6 was spotted into the cross section along structural strike. The accuracy of the mud log data depends greatly on the expertise of the mudlogger; however, this information can give a general picture of major lithologic changes. As shown by this enclosure, the Uinta in this area can be divided into an upper "sandy facies" composed mostly of interbedded sandstones, siltstones, and shales, and a lower interval of predominately shales and limestones with a few sands found near the base. This change in lithology is accompanied by a definite change in the average minimum gamma ray reading on the logs. The proposed injection intervals are vertically separated from nearby water wells by 1800 to 3500' of section, a significant portion of which is low porosity rock. It is believed that there will be no significant vertical migration and no potential for contamination of nearby water wells.

The structure map on the top of the Saline Facies (Enclosure No. 1) shows that the dip of the beds is generally to the northeast with no apparent faulting. The stratigraphic equivalent of Coastal's proposed injection intervals should outcrop approximately 5 miles to the south of the #1-14C6. A review of well logs in the area (see Enclosure No. 3) shows high variability in the Uinta section. It is believed that the lithologic variation seen in the proposed injection interval will prevent injected waters from migrating far enough updip to contaminate surface waters or shallow water wells.

Conclusions

- (1) Coastal has been unable to find a suitable Upper Green River injection interval in the #1-14C6 and the #1-~~35~~³⁶B5.
- (2) The Uinta formation waters in surrounding wells tested > 10,000 ppm total dissolved solids in the same interval as that proposed for the #1-14C6 and the #1-~~35~~³⁶B5. These waters would not be used for drinking or agricultural use.
- (3) The proposed Uinta injection intervals are vertically separated from nearby water wells by a thick interval containing numerous low porosity layers.
- (4) Long distance updip migration of injected waters is not likely due to stratigraphic variation.

Reference

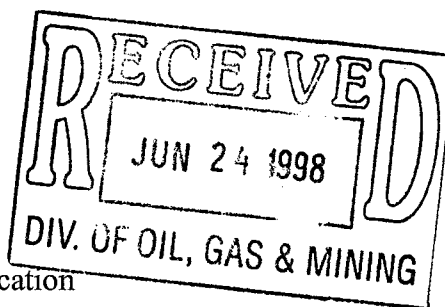
Picard, M. Dane, 1957, *Green River and Lower Uinta Formations - Subsurface Stratigraphic Changes in Central and Eastern Uinta Basin, Utah*: Intermountain Assoc. Petroleum Geologists Guidebook, Eighth Ann. Field Conf., p. 116-130.

S. H. Laney April, 1998



Coastal
The Energy People

June 23, 1998



UIC Permit Modification
Ute #1-14C6
EPA Permit # UT2816-04352
SWNE Section 14-T3S-R6W
Duchesne County, Utah

USM

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114

Mr. D. Hogle
U.S. Environmental Protection Agency
999 18th Street, Suite 500
Mail Code: 8P2-W-GW
Denver, Colorado 80202-2466

Dear Messrs. Jarvis & Hogle:

As you know, Coastal has recently attempted to convert the subject well to a water disposal well in the Upper Green River interval. Because these attempts were unsuccessful, Coastal now requests permission to attempt conversion and injection into the Uinta interval (as previously presented to the State of Utah and EPA by Steve Laney).

Listed below are the sections from the original application that are being modified by this request. All other information previously submitted is unchanged.

☐ ***Geologic Data on Injection & Confining Zones:***

The proposed salt water injection interval in the Ute #1-14C6 is 2,360'-3,500' on the borehole compensated sonic log (Run #1, 3/24/71). This Uinta interval consists of interbedded sandstones, siltstones, shales, and carbonates. The perforations will target the sandstones and carbonates with potentially the best porosities. The shales and the lowest porosity siltstones and carbonates are the confining zones. The Saleratus #2-17C5 (Section 17-T3S-R5W) perforated several zones in this same stratigraphic interval and recovered formation waters with total dissolved solids of 20,800 mg/l.

☐ ***Formation Testing Program & Stimulation Program:***

See the attached Well Completion Procedure.

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

Completion Procedure

☐ ***Construction Details:***

See the attached Workover Data Sheet and Well Workover History for well data and history of the recent conversion attempts. See the Existing Wellbore Diagram and the Proposed Injection Wellbore Diagram for schematics of the present wellbore and the proposed injection wellbore.

☐ ***Plugging & Abandonment Plan:***

See the attached EPA Plugging & Abandonment Plan form and Proposed Plugging & Abandonment Diagram.

☐ ***Distribution of Permit Modification Information:***

Please note that copies of this request and corresponding information have also been sent to individuals listed on the attached Mailing List as attested to in the attached Affidavit of Mailing.

If you require any questions or require additional information, please contact me at (303) 573-4455.

Sincerely,



Sheila Bremer
Environmental & Safety Analyst

Attachments

Ute #1-14C6

SW NE Sec.14, T3S, R6W
Altamont Field
Duchesne County, Utah

**Coastal Oil & Gas Corporation
Well Completion Procedure**

5/20/98

JZ

Project: Cement casing across proposed perforation interval & test potential intervals for injectivity.

Completion Procedure

- 1) MIRU, ND WH, NU BOP, RU wireline company to perf, RIH w/ perf gun, tag CR @ 4,360' + 26' cmt on top to confirm depth, perf 4 sqz holes @ 3,700', & 4 sqz holes @ 2,550'.
- 2) PU & RIH w/ 9 5/8" cement retainer on 2 7/8", 6.5#, N-80 tbg, set CR @ 2,575'.
Note: Tally is very important, must set CR below sqz holes @ 2,550'.
- 3) RU cementers & break circ dn tbg back to surface via tbg/csg annulus, circ hole for 1 hour, cement csg w/ 512 sx Class-G cmt as per the recommended cementing procedure. Pump 512 sx Class-G cmt (105.7 bbls cmt slurry) & displace w/ 92.6 BW, pull out of CR & TOOH to 2,450', rev circ hole clean, TOOH w/ tbg, SWI & WOC.
Note: Refer to attached cementing diagram.
- 4) RIH w/ 8 5/8" mill on 2 7/8", 6.5#, N-80 tbg & drill out CR @ 2,575' & cmt down to 3,700', TOOH w/ mill & tbg.
- 5) RIH w/ 9 5/8" pkr on 2 7/8" tbg, set pkr @ 2,400', test dn tbg to 1,500 psig, if no test, release pkr, RIH & reset pkr @ 2,650', test lower sqz holes to 1,500 psig, TOOH w/ pkr & tbg.
- 6) RU wireline company, run CBL/GR/CCL log across cemented interval from 2,400' - 3,800'.
- 7) RIH w/ 4" csg gun & perforate w/ 3 spf, 120 deg phasing, as per the attached perforation recommendation for Phase-I (Unita Fm @ 3,132' - 3,373', 72 intervals, 216 shots).
Note: Use CBL dated 10/28/97 for perforation correlation.
Record all fluid levels & entries.
- 8) RIH w/ 9 5/8" pkr on 2 7/8" tbg, set pkr @ 3,050', RU swab & swab well, catch water samples for chemical analysis, pump into interval for injectivity test.
Note: At this point a decision could be made to acidize the interval.
- 9) Release 9 5/8" pkr @ 3,050', TOOH w/ 2 7/8" tbg & pkr.
Note: If test results are acceptable, proceed to Step -13.
If test results are not acceptable, proceed to Step -10.
- 10) RIH w/ 4" csg gun & perforate w/ 3 spf, 120 deg phasing, as per the attached perforation recommendation for Phase-II (Unita Fm @ 2,857' - 3,116', 74 intervals, 222 shots).
Note: Use CBL dated 10/28/97 for perforation correlation.
Record all fluid levels & entries.
- 11) RIH w/ 9 5/8" RBP, retrieving head, & 9 5/8" pkr on 2 7/8" tbg, set RBP @ 3,124', set pkr @ 2,800', RU swab & swab well, catch water samples for chemical analysis, pump into interval for injectivity test.
Note: At this point a decision could be made to acidize the interval.

*See
Hole profile
Diagram*

- 12) Release 9 5/8" pkr @ 2,800', RIH & retrieve RBP @ 3,124', TOO H w/ 2 7/8" tbg, pkr, & RBP.
- 13) ND BOP, install 9 5/8" csg spool w/ 7", 23# csg slips, NU BOP w/ 7" csg pipe rams.
- 14) PU & RIH w/ 9 5/8" x 7" csg pkr, 7" two stage cmt collar, 2,800' (Threads off) of 7", 23#, N-80, LT&C csg, set csg pkr @ 2,800'.
Note: Install 7" x 9 5/8" csg centralizers: Two per jnt on the first two jnts & one per jnt for 10 jnts.
- 15) RU cementers & cmt 7" csg from 2,800' to surface w/ 296 sx lite cmt, tailed w/ 68 sx Class-G cmt, as per the recommended cementing procedure, drop stage collar bomb & open stage collar, break circ to surface, pump lead & tail cmt, install wiper plug w/ latch down, displace w/ 110 BW, bump wiper plug to close stage collar w/ 1,000 psig over lift pressure, bleed off csg pressure to assure stage collar is holding, SWI, WOC.
Note: Refer to attached cementing diagram.
- 16) Pressure test 7" csg to 2,000 psig for 30 min.
- 17) RIH w/ 6 1/8" mill on 2 7/8" tbg, mill out wiper plug & stage collar, TOO H w/ tbg & mill.
- 18) RIH w/ 3 1/2" F-Type profile nipple, 3 1/2" x 6' tbg sub, 7" 23# Arrow Set-1 inj pkr, 3 1/2" on/off tool, 3 1/2" SN on 3 1/2", 9.3#, J-55 internally coated tbg, land pkr @ 2,780', ND BOP, pump pkr fluid dn csg annulus, set pkr in tension, NU WH, SWI, RDMO.
- 19) Call Utah OG&M and EPA, schedule for a mechanical casing integrity test.

Note: If the injectivity test results from this workover are not acceptable, it is proposed to move up hole & apply the same procedure for remedial cementing & injection testing over the interval from 2,360' - 2,850' (BHC Sonic log), 2,345' - 2,835' (CBL, dated 10/28/97).

Note: If the proposed Phase-I perforation interval proves to be an acceptable injection zone, the Phase-II perforations will not be performed & the 7" csg liner will be set to a depth of 3,080'. The injection packer will then be set @ 3,060'. Contact Denver Engineering for corrected cement volumes.

Ute #1-14C6

SW NE Sec. 14, T3S, R6W

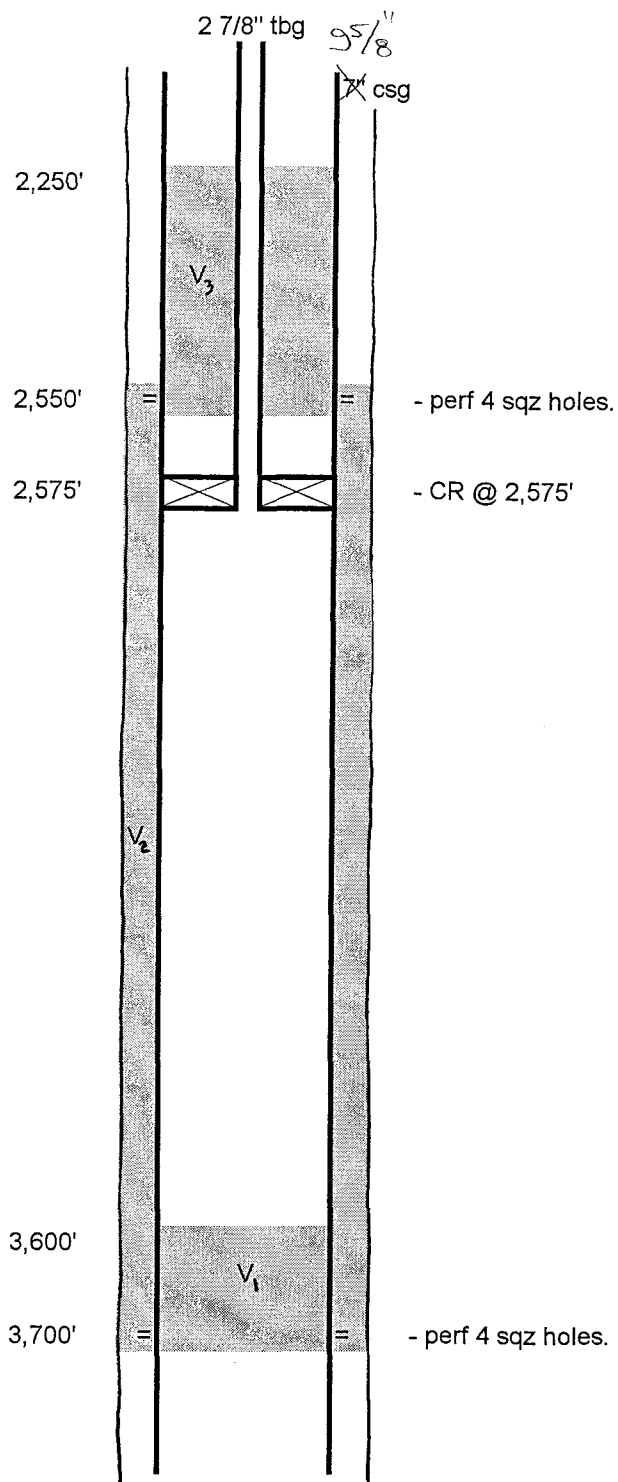
Altamont Field

Duchesne County, Utah

**Coastal Oil & Gas Corporation
Remedial Cementing Diagram**

5/20/98

JZ

**Cement Volumes:**

$$V_1 = (100')(.0758) = 7.58 \text{ bbls cmt}$$

$$V_2 = (3700' - 2550')(.0558) = 64.17 \text{ bbls cmt}$$

Using a 1.25 fill factor

$$V_2 = 80.21 \text{ bbls cmt}$$

$$V_3 = (2550' - 2250')(.0598) = 17.94 \text{ bbls}$$

$$\text{Total Cement Volume} = 105.73 \text{ bbls} = 594 \text{ cu.ft.}$$

Using Class-G cmt yields 1.16 cu.ft./sx

$$\text{Cement Required} = 594 / 1.16 = 512 \text{ sx}$$

Displacement:

$$\text{Displace tbg} = (2575')(.00579) = 14.91 \text{ bbls}$$

$$\text{Displace csg} = (3600' - 2575')(.0758) = 77.70 \text{ bbls}$$

$$\text{Total Displacement} = 92.61 \text{ bbls}$$

Note: Displace cement to within 100' of btm sqz holes.

Capacities:	2 7/8", 6.5# tbg @ 0.00579 bbls/ft.
	9 5/8", 40# csg @ 0.0758 bbls/ft.
	9 5/8" csg x 12 1/4" hole @ 0.0558 bbls/ft.
	2 7/8" tbg x 9 5/8" csg @ 0.0598 bbls/ft.

Note: 9 5/8" csg set in 12 1/4" hole.

GREATER ALTAMONT FIELD
UTE TRIBAL #1-14C6
Section 14 - T3S - R6W Duchesne County, Utah

Perforation Schedule - Uinta Phase 1

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
3,147	3,147	3,132
3,149	3,149	3,134
3,151	3,151	3,136
3,153	3,153	3,138
3,158	3,158	3,143
3,159	3,159	3,144
3,182	3,182	3,167
3,183	3,183	3,168
3,185	3,185	3,170
3,187	3,187	3,172
3,210	3,210	3,195
3,212	3,212	3,197
3,214	3,214	3,199
3,216	3,216	3,201
3,223	3,223	3,208
3,224	3,224	3,209
3,225	3,225	3,210
3,226	3,226	3,211
3,227	3,227	3,212
3,228	3,228	3,213
3,244	3,244	3,229
3,245	3,245	3,230
3,252	3,252	3,237
3,254	3,254	3,239

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
3,256	3,256	3,241
3,258	3,258	3,243
3,260	3,260	3,245
3,262	3,262	3,247
3,263	3,263	3,248
3,264	3,264	3,249
3,265	3,265	3,250
3,266	3,266	3,251
3,267	3,267	3,252
3,268	3,268	3,253
3,269	3,269	3,254
3,270	3,270	3,255
3,271	3,271	3,256
3,272	3,272	3,257
3,273	3,273	3,258
3,274	3,274	3,259
3,275	3,275	3,260
3,276	3,276	3,261
3,277	3,277	3,262
3,278	3,278	3,263
3,287	3,287	3,272
3,289	3,289	3,274
3,291	3,291	3,276
3,296	3,296	3,282

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
3,322	3,322	3,307
3,323	3,323	3,308
3,329	3,329	3,314
3,330	3,330	3,315
3,331	3,331	3,316
3,332	3,332	3,317
3,335	3,335	3,320
3,336	3,336	3,321
3,342	3,342	3,327
3,343	3,343	3,328
3,344	3,344	3,329
3,345	3,345	3,330
3,346	3,346	3,331
3,347	3,347	3,332
3,353	3,353	3,338
3,355	3,355	3,340
3,357	3,357	3,342
3,366	3,366	3,351
3,371	3,371	3,356
3,373	3,373	3,358
3,382	3,382	3,367
3,384	3,384	3,369
3,386	3,386	3,371
3,388	3,388	3,373

S. H. Laney 5/1/98

72 ZONES

GREATER ALTAMONT FIELD
UTE TRIBAL #1-14C6
Section 14 - T3S - R6W Duchesne County, Utah
Perforation Schedule - Uinta Phase 2

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
2,872	2,872	2,857
2,874	2,874	2,859
2,876	2,876	2,861
2,879	2,879	2,864
2,884	2,884	2,869
2,885	2,885	2,870
2,890	2,890	2,875
2,891	2,891	2,876
2,897	2,897	2,882
2,899	2,899	2,884
2,901	2,901	2,886
2,903	2,903	2,888
2,905	2,905	2,890
2,907	2,907	2,892
2,909	2,909	2,894
2,911	2,911	2,896
2,913	2,913	2,898
2,915	2,915	2,900
2,923	2,923	2,909
2,928	2,928	2,914
2,940	2,940	2,925
2,943	2,943	2,928
2,945	2,945	2,930
2,947	2,947	2,932
2,958	2,958	2,943

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
2,966	2,966	2,951
2,968	2,968	2,953
2,973	2,973	2,958
2,974	2,974	2,959
2,975	2,975	2,960
2,976	2,976	2,961
2,977	2,977	2,962
2,978	2,978	2,963
2,979	2,979	2,964
2,980	2,980	2,965
2,990	2,990	2,975
2,991	2,991	2,976
3,004	3,004	2,989
3,006	3,006	2,991
3,008	3,008	2,993
3,016	3,016	3,001
3,017	3,017	3,002
3,025	3,025	3,010
3,034	3,034	3,019
3,036	3,036	3,021
3,038	3,038	3,023
3,052	3,052	3,037
3,054	3,054	3,039
3,060	3,060	3,045
3,062	3,062	3,047

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
3,064	3,064	3,049
3,066	3,066	3,051
3,070	3,070	3,055
3,071	3,071	3,056
3,072	3,072	3,057
3,079	3,079	3,063
3,081	3,081	3,065
3,083	3,083	3,067
3,084	3,084	3,068
3,085	3,085	3,069
3,086	3,086	3,070
3,087	3,087	3,071
3,088	3,088	3,072
3,089	3,089	3,073
3,091	3,091	3,075
3,102	3,102	3,087
3,104	3,104	3,089
3,106	3,106	3,091
3,117	3,117	3,102
3,118	3,118	3,103
3,125	3,125	3,110
3,127	3,127	3,112
3,129	3,129	3,114
3,131	3,131	3,116

S. H. Laney 5/1/98

74 ZONES

C6-14P1F.WK4

Ute #1-14C6

SW NE Sec.14, T3S, R6W

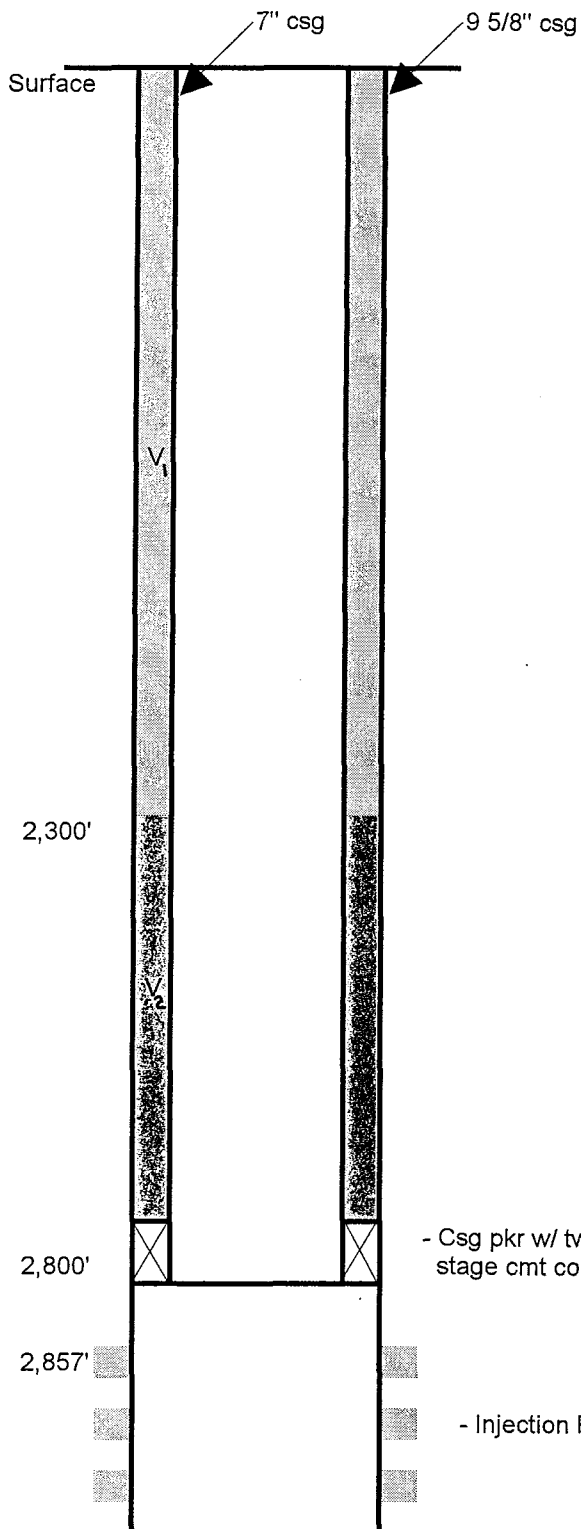
Altamont Field

Duchesne County, Utah

**Coastal Oil & Gas Corporation
7" Liner Cementing Diagram**

5/20/98

JZ

**Cement Volumes:**

$$V_1 = (2300')(0.0282) = 64.86 \text{ bbls lead cmt} = 364 \text{ cu.ft}$$

Using lite cmt yields 1.23 cu.ft./sx

Lead cmt = 364/1.23 = 296 sx lite cmt.

$$V_2 = (2800' - 2300')(0.0282) = 14.10 \text{ bbls tail cmt} = 79 \text{ cu.ft}$$

Using Class-G cmt yields 1.16 cu.ft./sx

Tail cmt = 79/1.16 = 68 sx Class-G cmt.

Total Cement Volume = 78.96 bbls = 443 cu.ft.

Displacement:

$$\text{Displace 7" csg} = (2800')(0.0393) = 110 \text{ bbls}$$

Note: Displace cement w/ water & bump wiper plug
w/ 1,000 psig.

Capacities:	2 7/8", 6.5# tbgs @ 0.00579 bbls/ft.
	7", 23# csg @ 0.0393 bbls/ft.
	9 5/8", 40# csg @ 0.0758 bbls/ft.
	7", 23# x 9 5/8", 40# csg @ 0.0282 bbls/ft.

Ute #1-14C6

Altamont Field
Duchesne County, Utah

**Coastal Oil & Gas Corporation
Workover Data Sheet**

5/20/98

JZ

Well Data

Location: SW NE Sec.14, T3S, R6W (2,115' FEL & 3,341' FSL)
WI: 100% Cost Lease No. 15053
NRI: NA
Elevation: GL @ 5,878', KB @ 5,893' (15' KB)
Total Depth: 10,630', PBTD @ 10,622', CICR @ 4,360'.
Well Status: TA

Casing: 13 3/8", 54.5#, K-55, ST&C, set @ 600' & cmted w/ 600 sx to surface.
9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825' & cmted w/ 850 sx.

Liners: 7", 26, 29, & 32#, N-80, LT&C, set @ 10,622', liner hanger landed @ 7,333' & cmted w/ 750 sx.

Top of cmt @ 4,360' from CBL 10/28/97.

9 5/8" csg patch @ 652'.

CICR @ 4,360' w/ 10 sx (26") Class-H cmt on top.

(150 sx Class-H cmt below Cmt retainer)

Tubing: NA

Casing & Tubular Data

Description	Setting Depth (ft)	ID (inches)	Drift ID (inches)	Capacity (bbls/ft)	Burst (psig)	Collapse (psig)	Yield (lbs)
13 3/8", 54.5#, K-55, ST&C	600	12.615	12.459	0.15450	2,730	1,130	-
9 5/8", 40#, N-80, LT&C	-	8.835	8.679	0.07580	5,750	3,090	-
9 5/8", 40#, S-95, LT&C	7,825	8.835	8.679	0.07580	6,820	3,330	-
2 7/8", 6.5#, N-80, EUE	-	2.441	2.347	0.00579	10,570	11,160	144,960
3 1/2", 9.3#, J-55, EUE	Proposed	2.992	2.867	0.00870	6,980	7,400	142,460
7", 23#, N-80, LT&C	Proposed	6.366	6.241	0.03930	6,340	3,830	442,000

Note: All depths are KB measurement.

Ute #1-14C6

SW NE Sec.14, T3S, R6W
Altamont / Bluebell Field
Duchesne County, Utah

**The Coastal Corporation
Well Workover History**

5/20/98

JZ

Date	Work Description
------	------------------

Note: Well history presented is after the P&A of this well & includes only the conversion workover history.

Sept, 1997	Dress off 9 5/8" csg & run csg patch @ 652', perf 4 holes @ 654', cmt w/ 300 sx to surface, sqz w/ 150 sx, tight spot noted @ 756', isolated hole in csg @ 646' - 660', sqz w/ 150 sx, sqz w/ 20 sx Micro Matrix cmt, sqz w/ 50 sx, perf 4 holes @ 657' (Holes not cmted), RU Cutters, run CBL from 5,265' to surface, perf & test for injectivity as follows:
------------	--

4,731' - 5,032', 400 holes (3.0 BPM @ 1,000 psig)

4,580' - 4,663', 196 holes (2.4 BPM @ 1,700 psig)

Acidize above perms w/ 5,000 gals 15% HCl (2.3 BPM @ 1,425 psig).

4,413' - 4,664', 392 holes (2.3 BPM @ 1,475 psig)

Acidize above perms w/ 5,000 gals 15% HCl, (well swabbed dry).

5,519' - 6,143', 656 holes (Well flowed wtr w/ pH @ 9.9)

Ran CBL from 5,100' to 6,400', set 9 5/8" cmt retainer @ 4,360' & cmted w/ 160 sx Class-H cmt (Left 150 sx below CR & 10 sx on top).

Ute #1-14C6

SW NE Sec.14, T3S, R6W
2,115' FEL & 3,341' FSL

Altamont Field
Duchesne County, Utah

Elev. GL @ 5,878'

Elev. KB @ 5,893' (15' KB)

**Coastal Oil & Gas Corporation
Existing Wellbore Diagram**

5/20/98

JZ

Casing

13 3/8", 54.5#, K-55, ST&C, set @ 600'.

Cmt w/ 600 sx to surface.

9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825'.

Cmt w/ 850 sx.

Perf 4 sqz holes @ 5,300' - 5,303' & sqz 500 sx
behind 9 5/8" casing.

Liners

7", 26, 29, & 32#, N-80, LT&C, set @ 10,622'.

Liner hanger landed @ 7,333'.

Cmt w/ 750 sx.

Top of cmt @ 4,360' from CBL 10/28/97.

Tubing

NA

Original Completion Perforations

9,570' - 9,700'

8,786' - 9,260'

7,900' - 9,118'

8,695' - 9,245'

5,300' - 5,303' (4 sqz holes)

4,730' - 5,192'

Note: The following perfs are squeezed:

7,900' - 7,930' & 8,030' - 8,040' w/ 300 sx.

8,570' - 8,612' w/ 100 sx.

4,730' - 5,192' w/ 200 sx.

Injection Perforations

4,413' - 4,664', 392 holes (2.3 BPM @ 1,475 psig)

4,580' - 4,663', 196 holes (2.5 BPM @ 1,700 psig)

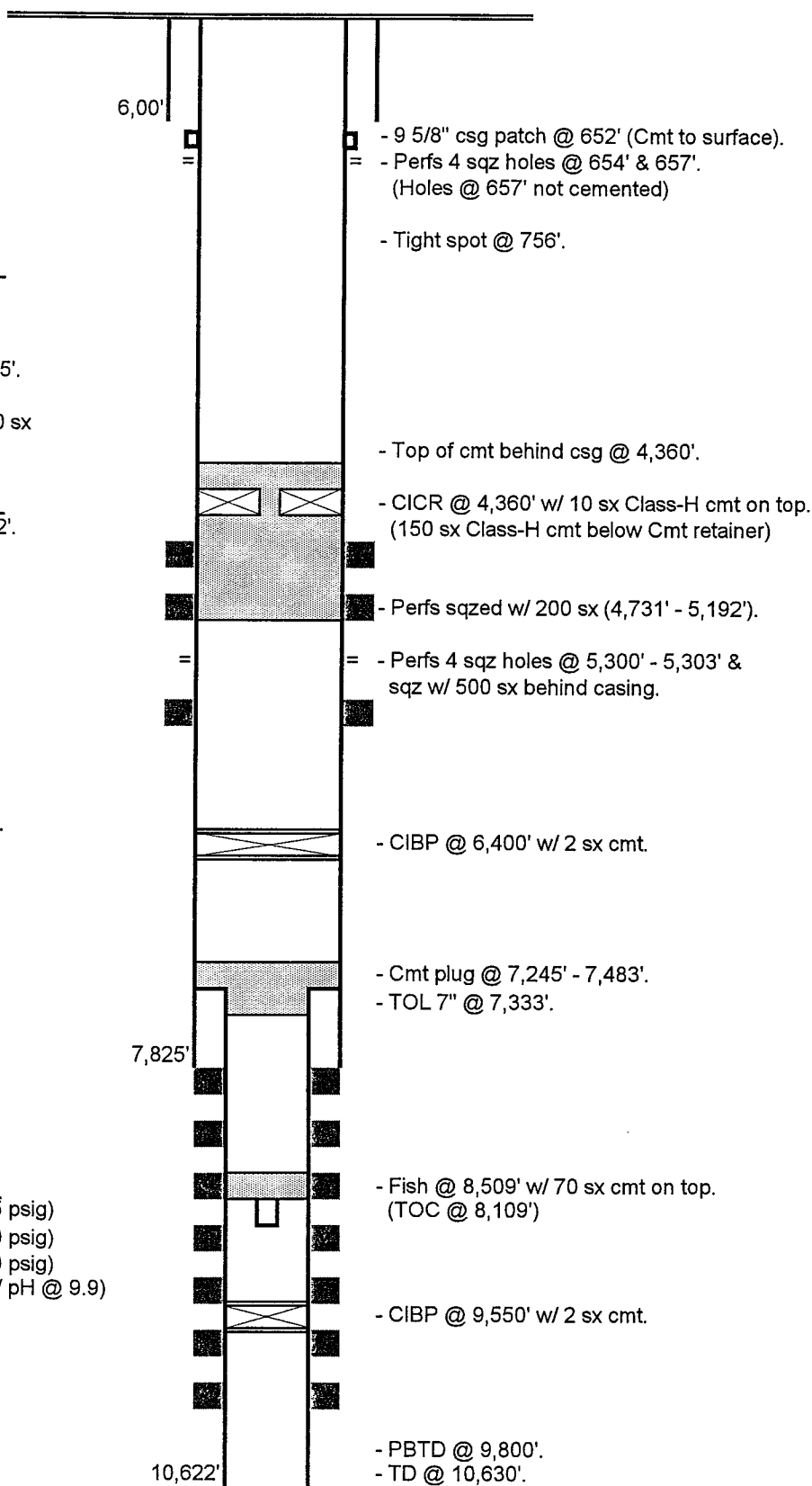
4,731' - 5,032', 400 holes (3.0 BPM @ 1,000 psig)

5,519' - 6,143', 656 holes (Well flowed wtr w/ pH @ 9.9)

Note: 4 perf holes open @ 657'.

(Inj 1.5 BPM @ 1,400 psig)

Note: All depths are KB measurement.



Ute #1-14C6

SW NE Sec.14, T3S, R6W
 2,115' FEL & 3,341' FSL
 Altamont Field
 Duchesne County, Utah

Elev. GL @ 5,878'

Elev. KB @ 5,893' (15' KB)

**Coastal Oil & Gas Corporation
 Proposed Injection Wellbore Diagram**

5/20/98

JZ

Casing

13 3/8", 54.5#, K-55, ST&C, set @ 600'.

Cmt w/ 600 sx to surface.

9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825'.

Cmt w/ 850 sx.

Perf 4 sqz holes @ 5,300' - 5,303' & sqz 500 sx behind 9 5/8" casing.

Proposed 7" Tie Back Liner

7", 23#, N-80, LT&C, set @ 2,800'.

Cmted to surface w/ 298 sx Lite & 65 sx Class-G.

Proposed Tubing & Packer

3 1/2", 9.3#, J-55, EUE, 8R (Internally Coated)

3 1/2" SN

3 1/2" on/off tool

7" Arrow Set-1, set @ 2,780'

3 1/2" x 6' tbg sub

3 1/2" F-Type profile nipple

Proposed Injection Perforations

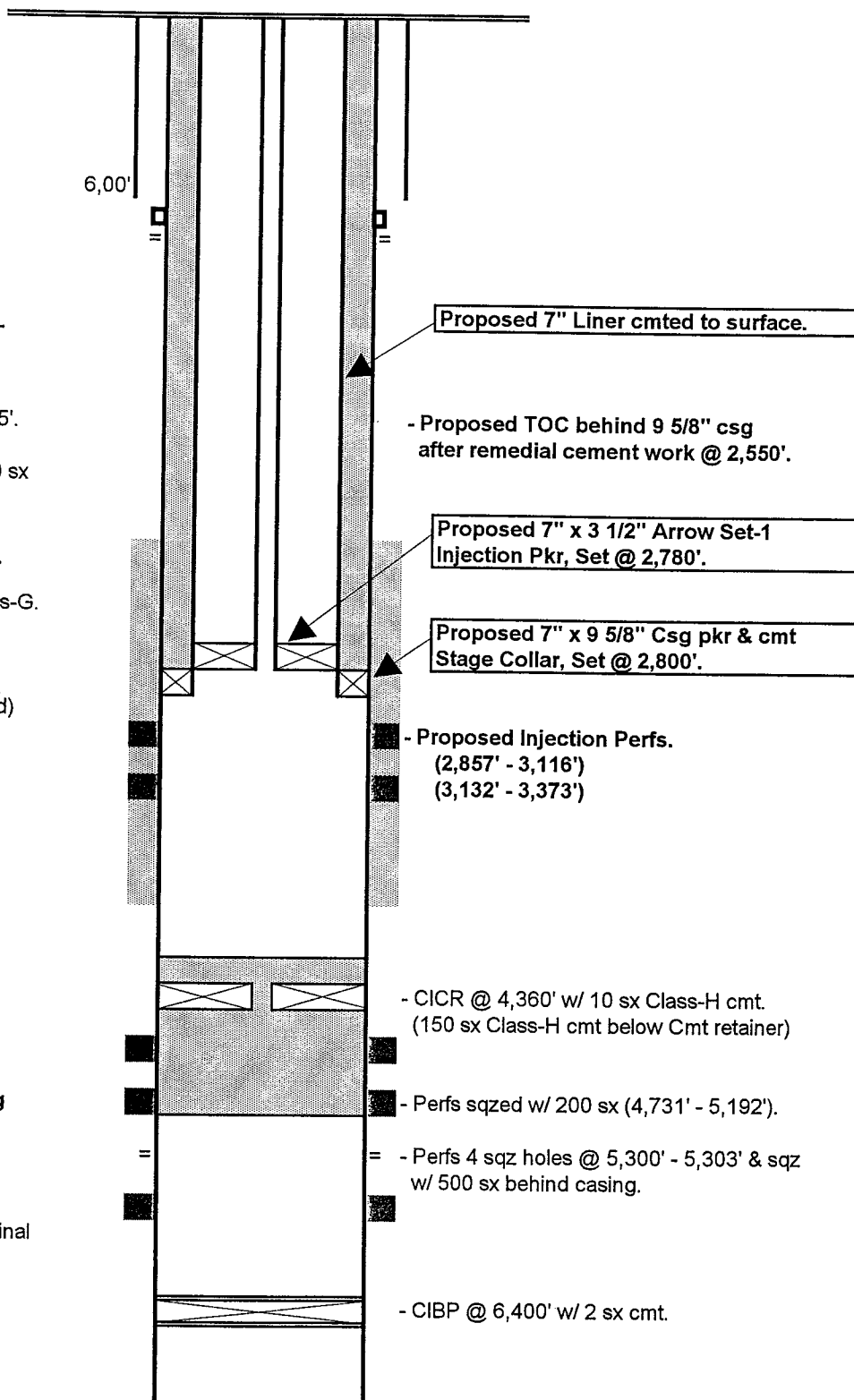
2,857' - 3,116', 74 intervals, 222 holes

3,132' - 3,373', 72 intervals, 216 holes

**Proposed top of cement behind 9 5/8" csg
 after remedial cement work @ 2,550'.**

Note: See Existing Wellbore Diagram for Original
 perforations & liner configuration.

Note: All depths are KB measurement.



EPAUNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**PLUGGING AND ABANDONMENT PLAN****WELL NAME & NUMBER, FIELD NAME, LEASE NAME & NO.**Ute #1-14C6
Section 14-T3S-R6W
Cedar Rim Field
Duchesne County, Utah**NAME, ADDRESS & PHONE NUMBER OF OWNER/OPERATOR**Coastal Oil & Gas Corporation
P.O. Box 749
Denver, CO 80201-0749LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRESSTATE
UtahCOUNTY
DuchesneSTATE PERMIT NUMBER
43-013-30056SURFACE LOCATION DESCRIPTION
SWNE Section 14-T3S-R6W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface
Location 3341' ft. from (N/S) S Line of Quarter Section
And 2115' ft. from (E/W) E Line of Quarter Section**TYPE OF AUTHORIZATION**

- ☒
- Individual
-
- ☐
- Rule
-
- ☐
- Area Permit

Number of Wells
In Area Permit 1
U.S. EPA Permit Number _____**WELL
ACTIVITY**

- ☐
- Class I
-
- ☐
- Hazardous
-
- ☐
- Nonhazardous
-
- ☒
- Class II
-
- ☒
- Brine Disposal
-
- ☐
- Enhanced Recovery
-
- ☐
- Hydrocarbon Storage
-
- ☐
- Class III
-
- ☐
- Class V

CASING/TUBING/CEMENT RECORD AFTER PLUGGING AND ABANDONMENT

Size	Wt. (lb & ft) TBG/CSG	Original Amount (CSG) (ft.)	CSG to be left in Wall (ft.)	Hole Size (in)	Sacks Cement Used	Type
13-3/8	54.5#	600'	600'	17-1/2"	600 SX	Cl. G
9-5/8	40#	7,825'	7,825'	12-1/4"	850 SX	Cl. G
7	26, 29, 32#	3,289'	3,289'	8-3/4"	750 SX	Cl. G
7	23#	2,800'	2,800'		363 SX	G/Lite

**METHOD OF EMPLACEMENT
OF CEMENT PLUGS**

- ☒
- The Balance Method
-
- ☐
- The Dump Bailer Method
-
- ☒
- The Two Plug Method
-
- ☐
- Other, Explain: _____

CEMENT TO PLUG AND ABANDON DATA:

	Plug # 1	Plug # 2	Plug # 3	Plug # 4	Plug # 5	Plug # 6	Plug # 7
Size of Hole or Pipe in Which Plug Will Be Placed (inches)	9-5/8"	13-3/8"	7"				
Calculated Top of Plug (ft.)	2,601'	Surface	Surface				
Measured Top of Plug (ft.)	2,601'	Surface	Surface				
Depth to Bottom of Plug (ft.)	3,373'	300'	300'				
Sacks of Cement to be Used	255	100	75				
Slurry Volume to be Used (cu. ft.)	293	115	86				
Slurry Weight (lb./gal.)	15.8	15.8	15.8				
Type of Cement, Spacer or Other Material Used	Cl. G	Cl. G	Cl. G				
Type of Preflush Used	Water	Water	Water				

DESCRIPTION OF PLUGGING PROCEDURE

Set 7" cmt retainer @ 2757' on 2-7/8" tbg, pump 225 sx Class G cmt below CICR and spot 30 sx cmt on top of CICR. Pump 100 sx Class G cmt down 9-5/8" x 13-3/8" csg annulus. Remove wellhead, RIH with 2-7/8" tbg, pump 75 sx Class G balanced cmt plug from 300' to surface. Install P&A marker.

ESTIMATED COST OF PLUGGING ABANDONMENT

Cement	\$	16,000	Cast Iron Bridge Plug	\$	
Logging	\$		Cement Retainer	\$	1,500
Rig or Pulling Unit	\$	6,000	Miscellaneous	\$	1,500

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible of obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

Sheila Bremer, Environmental Analyst

SIGNATURE

Sheila Bremer

DATE SIGNED

6/23/98

Ute #1-14C6

SW NE Sec.14, T3S, R6W
2,115' FEL & 3,341' FSL
Altamont Field
Duchesne County, Utah

**Coastal Oil & Gas Corporation
Proposed Plugging & Abandonment Diagram**

6/18/98
JZ

Elev. GL @ 5,878'
Elev. KB @ 5,893' (15' KB)

Casing

13 3/8", 54.5#, K-55, ST&C, set @ 600'.
Cmt w/ 600 sx to surface.

9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825'.
Cmt w/ 850 sx.
Original TOC @ 4,360' from CBL 10/28/97.

Liners

7", 26, 29, & 32#, N-80, LT&C, set @ 10,622'.
Liner hanger landed @ 7,333'.
Cmt w/ 750 sx.
Top of cmt behind csg @ 4,360'.

Proposed Casing Tie-Back

7", 23#, N-80, LT&C, set @ 2,800'.
Cmted to surface w/ 298 sx Lite & 65 sx Class-G.

Original Completion Perforations

9,570' - 9,700', 8,786' - 9,260', 7,900' - 9,118',
8,695' - 9,245', 4,730' - 5,192'
5,300' - 5,303' (4 sqz holes)
657' (4 sqz holes)
Note: The following perms are squeezed:
7,900' - 7,930' & 8,030' - 8,040' w/ 300 sx.
8,570' - 8,612' w/ 100 sx.
4,730' - 5,192' w/ 200 sx.

Original Injection Perforations

4,413' - 4,664', 4,580' - 4,663'
4,731' - 5,032', 5,519' - 6,143'

Proposed Injection Perforations

2,857' - 3,116', 74 intervals, 222 holes
3,132' - 3,373', 72 intervals, 216 holes

Proposed P&A Procedure**Cement Plug #1:**

Set 7" CICR @ 2,757' on 2 7/8" tbg, pump
225 sx Class-G cmt below CICR & spot 30 sx
cmt on top of CICR.

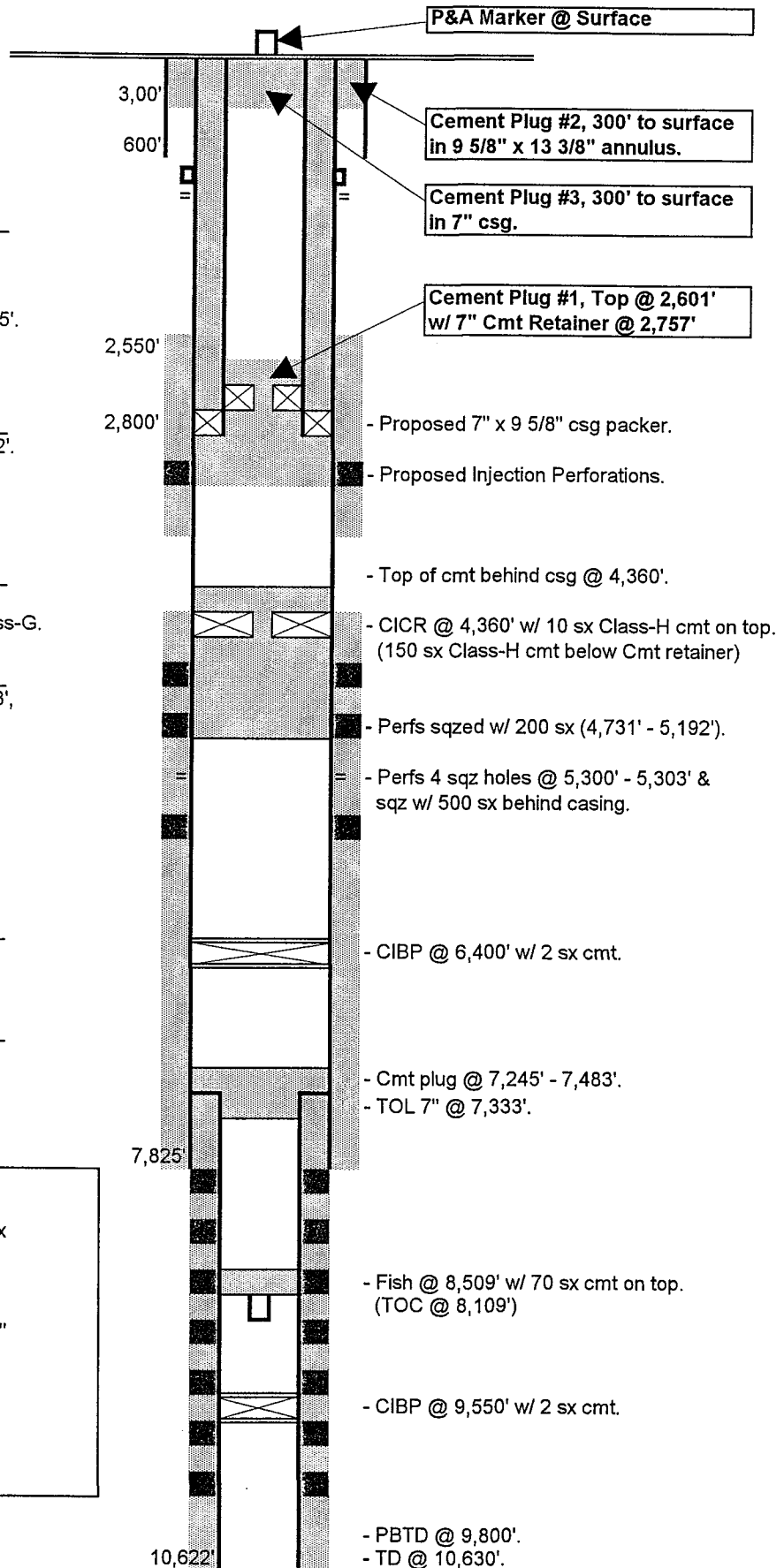
Cement Plug #2:

Pump a 100 sx Class-G cmt plug down 9 5/8"
x 13 3/8" csg annulus from 300' to surface.

Cement Plug #3:

Remove wellhead, pump a 75 sx Class-G
balanced cmt plug from 300' to surface in
the 7" csg, set P&A marker.

Note: All depths are KB measurement.



MAILING LIST
UTE #1-14C6
UNDERGROUND WATER DISPOSAL APPLICATION

State of Utah
Division of Wildlife Resources
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Properties of Mountains West Ranches
A.J.T. Grant Co., L.L.C.
P.O. Box 420
Duchesne, Utah 84021

Rocky Mountain Properties
660 South 200 East, #306
Salt Lake City, Utah 84111

Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, Utah 74026

Mr. Charles H. Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
P.O. Box 130
Ft. Duchesne, Utah 84026

Mr. Norman Cambridge
Bureau of Indian Affairs
Uintah & Ouray Agency
Branch of Real Estate Services
P.O. Box 130
Ft. Duchesne, Utah 84026

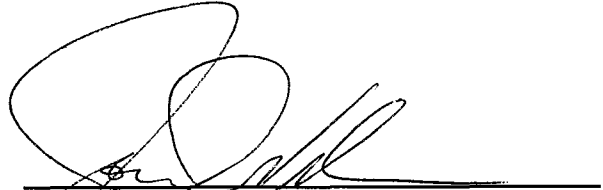
BEFORE THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

IN THE MATTER OF THE APPLICATION OF COASTAL OIL &)
GAS CORPORATION FOR APPROVAL TO CONVERT THE)
UTE #1-14C6 TO AN UNDERGROUND WATER DISPOSAL)
WELL IN THE UINTA ZONE IN SECTION 14, T3S-R6W,)
DUCHESNE COUNTY, UTAH)

AFFIDAVIT OF MAILING

Jon R. Nelsen, of legal age, and being first duly sworn, upon his oath, deposes and says:

That he is employed by Coastal Oil & Gas Corporation; that Coastal's amended procedure for Application for Underground Water Disposal in the Ute #1-14C6 has been sent by certified mail on June 23, 1998, to the surface owners located within one-half mile radius of the subject well or other interested parties at the addresses shown on the attached mailing list; and that to the best of his information, knowledge, and belief, the parties above named are the only parties to whom notice of this application is required to be given.

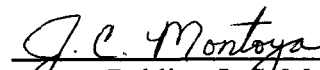


Jon R. Nelsen
District Land Manager
Coastal Oil & Gas Corporation

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

Subscribed and sworn to before me on this 23rd day of June, 1998.




Notary Public - J. C. Montoya

My Commission Expires: December 21, 2001

My Commission Expires Dec. 21, 2001
600 17th St., 800-S
Denver, CO 80202

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-3809

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute 1-14C6

9. API Well No.

43-013-30056

10. Field and Pool, or exploratory Area

Cedar Rim

11. County or Parish, State

Duchesne Co. Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

SWD.....

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1939' FNL & 2115' FEL

SW/NE Section 14-T3S-R6W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other Salt Water Disposal Well

Conversion



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



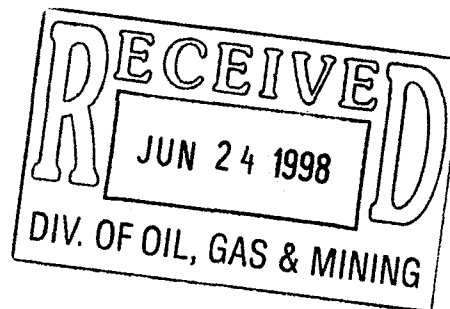
Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see the attached procedure for work to be performed on the subject well.

Note: UIC permit applications have been submitted to the State of Utah and the EPA.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date 6/23/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Ute #1-14C6

SW NE Sec.14, T3S, R6W
Altamont Field
Duchesne County, Utah

**Coastal Oil & Gas Corporation
Well Completion Procedure**

5/20/98

JZ

Project: Cement casing across proposed perforation interval & test potential intervals for injectivity.

Completion Procedure

- 1) MIRU, ND WH, NU BOP, RU wireline company to perf, RIH w/ perf gun, tag CR @ 4,360' + 26' cmt on top to confirm depth, perf 4 sqz holes @ 3,700', & 4 sqz holes @ 2,550'.
- 2) PU & RIH w/ 9 5/8" cement retainer on 2 7/8", 6.5#, N-80 tbg, set CR @ 2,575'.
Note: Tally is very important, must set CR below sqz holes @ 2,550'.
- 3) RU cementers & break circ dn tbg back to surface via tbg/csg annulus, circ hole for 1 hour, cement csg w/ 512 sx Class-G cmt as per the recommended cementing procedure. Pump 512 sx Class-G cmt (105.7 bbls cmt slurry) & displace w/ 92.6 BW, pull out of CR & TOOH to 2,450', rev circ hole clean, TOOH w/ tbg, SWI & WOC.
Note: Refer to attached cementing diagram.
- 4) RIH w/ 8 5/8" mill on 2 7/8", 6.5#, N-80 tbg & drill out CR @ 2,575' & cmt down to 3,700', TOOH w/ mill & tbg.
- 5) RIH w/ 9 5/8" pkr on 2 7/8" tbg, set pkr @ 2,400', test dn tbg to 1,500 psig, if no test, release pkr, RIH & reset pkr @ 2,650', test lower sqz holes to 1,500 psig, TOOH w/ pkr & tbg.
- 6) RU wireline company, run CBL/GR/CCL log across cemented interval from 2,400' - 3,800'.
- 7) RIH w/ 4" csg gun & perforate w/ 3 spf, 120 deg phasing, as per the attached perforation recommendation for Phase-I (Unita Fm @ 3,132' - 3,373', 72 intervals, 216 shots).
Note: Use CBL dated 10/28/97 for perforation correlation.
Record all fluid levels & entries.
- 8) RIH w/ 9 5/8" pkr on 2 7/8" tbg, set pkr @ 3,050', RU swab & swab well, catch water samples for chemical analysis, pump into interval for injectivity test.
Note: At this point a decision could be made to acidize the interval.
- 9) Release 9 5/8" pkr @ 3,050', TOOH w/ 2 7/8" tbg & pkr.
Note: If test results are acceptable, proceed to Step -13.
If test results are not acceptable, proceed to Step -10.
- 10) RIH w/ 4" csg gun & perforate w/ 3 spf, 120 deg phasing, as per the attached perforation recommendation for Phase-II (Unita Fm @ 2,857' - 3,116', 74 intervals, 222 shots).
Note: Use CBL dated 10/28/97 for perforation correlation.
Record all fluid levels & entries.
- 11) RIH w/ 9 5/8" RBP, retrieving head, & 9 5/8" pkr on 2 7/8" tbg, set RBP @ 3,124', set pkr @ 2,800', RU swab & swab well, catch water samples for chemical analysis, pump into interval for injectivity test.
Note: At this point a decision could be made to acidize the interval.

- 12) Release 9 5/8" pkr @ 2,800', RIH & retrieve RBP @ 3,124', TOOH w/ 2 7/8" tbg, pkr, & RBP.
- 13) ND BOP, install 9 5/8" csg spool w/ 7", 23# csg slips, NU BOP w/ 7" csg pipe rams.
- 14) PU & RIH w/ 9 5/8" x 7" csg pkr, 7" two stage cmt collar, 2,800' (Threads off) of 7", 23#, N-80, LT&C csg, set csg pkr @ 2,800'.
Note: Install 7" x 9 5/8" csg centralizers: Two per jnt on the first two jnts & one per jnt for 10 jnts.
- 15) RU cementers & cmt 7" csg from 2,800' to surface w/ 296 sx lite cmt, tailed w/ 68 sx Class-G cmt, as per the recommended cementing procedure, drop stage collar bomb & open stage collar, break circ to surface, pump lead & tail cmt, install wiper plug w/ latch down, displace w/ 110 BW, bump wiper plug to close stage collar w/ 1,000 psig over lift pressure, bleed off csg pressure to assure stage collar is holding, SWI, WOC.
Note: Refer to attached cementing diagram.
- 16) Pressure test 7" csg to 2,000 psig for 30 min.
- 17) RIH w/ 6 1/8" mill on 2 7/8" tbg, mill out wiper plug & stage collar, TOOH w/ tbg & mill.
- 18) RIH w/ 3 1/2" F-Type profile nipple, 3 1/2" x 6' tbg sub, 7" 23# Arrow Set-1 inj pkr, 3 1/2" on/off tool, 3 1/2" SN on 3 1/2", 9.3#, J-55 internally coated tbg, land pkr @ 2,780', ND BOP, pump pkr fluid dn csg annulus, set pkr in tension, NU WH, SWI, RDMO.
- 19) Call Utah OG&M and EPA, schedule for a mechanical casing integrity test.

Note: If the injectivity test results from this workover are not acceptable, it is proposed to move up hole & apply the same procedure for remedial cementing & injection testing over the interval from 2,360' - 2,850' (BHC Sonic log), 2,345' - 2,835' (CBL, dated 10/28/97).

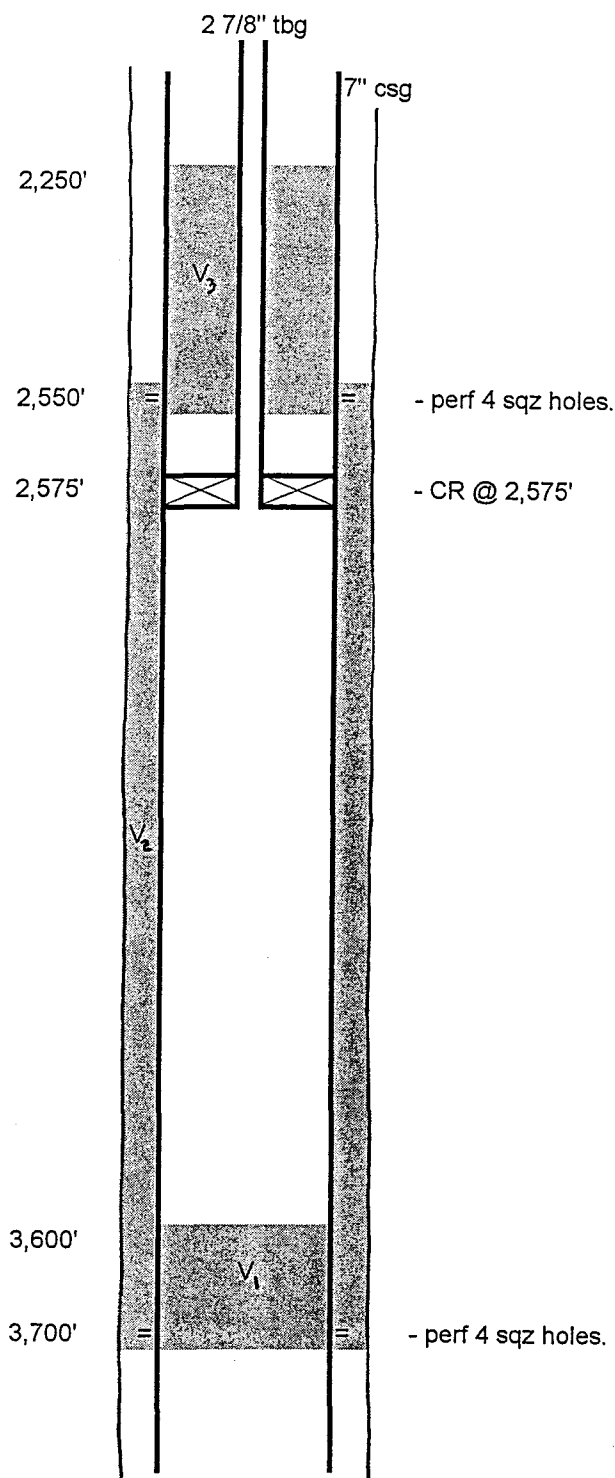
Note: If the proposed Phase-I perforation interval proves to be an acceptable injection zone, the Phase-II perforations will not be performed & the 7" csg liner will be set to a depth of 3,080'. The injection packer will then be set @ 3,060'. Contact Denver Engineering for corrected cement volumes.

Ute #1-14C6

SW NE Sec.14, T3S, R6W
Altamont Field
Duchesne County, Utah

Coastal Oil & Gas Corporation Remedial Cementing Diagram

5/20/98
JZ

**Cement Volumes:**

$$V_1 = (100')(.0758) = 7.58 \text{ bbls cmt}$$

$$V_2 = (3700' - 2550')(.0558) = 64.17 \text{ bbls cmt}$$

Using a 1.25 fill factor

$$V_2 = 80.21 \text{ bbls cmt}$$

$$V_3 = (2550' - 2250')(.0598) = 17.94 \text{ bbls}$$

$$\text{Total Cement Volume} = 105.73 \text{ bbls} = 594 \text{ cu.ft.}$$

Using Class-G cmt yields 1.16 cu.ft./sx

$$\text{Cement Required} = 594 / 1.16 = 512 \text{ sx}$$

Displacement:

$$\text{Displace tbg} = (2575')(.00579) = 14.91 \text{ bbls}$$

$$\text{Displace csg} = (3600' - 2575')(.0758) = 77.70 \text{ bbls}$$

$$\text{Total Displacement} = 92.61 \text{ bbls}$$

Note: Displace cement to within 100' of btm sqz holes.

Capacities:	2 7/8", 6.5# tbg @ 0.00579 bbls/ft.
	9 5/8", 40# csg @ 0.0758 bbls/ft.
	9 5/8" csg x 12 1/4" hole @ 0.0558 bbls/ft.
	2 7/8" tbg x 9 5/8" csg @ 0.0598 bbls/ft.

Note: 9 5/8" csg set in 12 1/4" hole.

GREATER ALTAMONT FIELD
UTE TRIBAL #1-14C6
Section 14 - T3S - R6W Duchesne County, Utah

Perforation Schedule - Uinta Phase 1

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
3,147	3,147	3,132
3,149	3,149	3,134
3,151	3,151	3,136
3,153	3,153	3,138
3,158	3,158	3,143
3,159	3,159	3,144
3,182	3,182	3,167
3,183	3,183	3,168
3,185	3,185	3,170
3,187	3,187	3,172
3,210	3,210	3,195
3,212	3,212	3,197
3,214	3,214	3,199
3,216	3,216	3,201
3,223	3,223	3,208
3,224	3,224	3,209
3,225	3,225	3,210
3,226	3,226	3,211
3,227	3,227	3,212
3,228	3,228	3,213
3,244	3,244	3,229
3,245	3,245	3,230
3,252	3,252	3,237
3,254	3,254	3,239

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
3,256	3,256	3,241
3,258	3,258	3,243
3,260	3,260	3,245
3,262	3,262	3,247
3,263	3,263	3,248
3,264	3,264	3,249
3,265	3,265	3,250
3,266	3,266	3,251
3,267	3,267	3,252
3,268	3,268	3,253
3,269	3,269	3,254
3,270	3,270	3,255
3,271	3,271	3,256
3,272	3,272	3,257
3,273	3,273	3,258
3,274	3,274	3,259
3,275	3,275	3,260
3,276	3,276	3,261
3,277	3,277	3,262
3,278	3,278	3,263
3,287	3,287	3,272
3,289	3,289	3,274
3,291	3,291	3,276
3,296	3,296	3,282

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
3,322	3,322	3,307
3,323	3,323	3,308
3,329	3,329	3,314
3,330	3,330	3,315
3,331	3,331	3,316
3,332	3,332	3,317
3,335	3,335	3,320
3,336	3,336	3,321
3,342	3,342	3,327
3,343	3,343	3,328
3,344	3,344	3,329
3,345	3,345	3,330
3,346	3,346	3,331
3,347	3,347	3,332
3,353	3,353	3,338
3,355	3,355	3,340
3,357	3,357	3,342
3,366	3,366	3,351
3,371	3,371	3,356
3,373	3,373	3,358
3,382	3,382	3,367
3,384	3,384	3,369
3,386	3,386	3,371
3,388	3,388	3,373

S. H. Laney 5/1/98

72 ZONES

GREATER ALTAMONT FIELD
UTE TRIBAL #1-14C6
Section 14 - T3S - R6W Duchesne County, Utah
Perforation Schedule - Uinta Phase 2

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
2,872	2,872	2,857
2,874	2,874	2,859
2,876	2,876	2,861
2,879	2,879	2,864
2,884	2,884	2,869
2,885	2,885	2,870
2,890	2,890	2,875
2,891	2,891	2,876
2,897	2,897	2,882
2,899	2,899	2,884
2,901	2,901	2,886
2,903	2,903	2,888
2,905	2,905	2,890
2,907	2,907	2,892
2,909	2,909	2,894
2,911	2,911	2,896
2,913	2,913	2,898
2,915	2,915	2,900
2,923	2,923	2,909
2,928	2,928	2,914
2,940	2,940	2,925
2,943	2,943	2,928
2,945	2,945	2,930
2,947	2,947	2,932
2,958	2,958	2,943

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
2,966	2,966	2,951
2,968	2,968	2,953
2,973	2,973	2,958
2,974	2,974	2,959
2,975	2,975	2,960
2,976	2,976	2,961
2,977	2,977	2,962
2,978	2,978	2,963
2,979	2,979	2,964
2,980	2,980	2,965
2,990	2,990	2,975
2,991	2,991	2,976
3,004	3,004	2,989
3,006	3,006	2,991
3,008	3,008	2,993
3,016	3,016	3,001
3,017	3,017	3,002
3,025	3,025	3,010
3,034	3,034	3,019
3,036	3,036	3,021
3,038	3,038	3,023
3,052	3,052	3,037
3,054	3,054	3,039
3,060	3,060	3,045
3,062	3,062	3,047

Schlum. Dual Ind. Run #1 3/24/71	Schlum. Sonic Run #1 3/24/71	Cutters Cem. Bnd Run #1 10/28/97
3,064	3,064	3,049
3,066	3,066	3,051
3,070	3,070	3,055
3,071	3,071	3,056
3,072	3,072	3,057
3,079	3,079	3,063
3,081	3,081	3,065
3,083	3,083	3,067
3,084	3,084	3,068
3,085	3,085	3,069
3,086	3,086	3,070
3,087	3,087	3,071
3,088	3,088	3,072
3,089	3,089	3,073
3,091	3,091	3,075
3,102	3,102	3,087
3,104	3,104	3,089
3,106	3,106	3,091
3,117	3,117	3,102
3,118	3,118	3,103
3,125	3,125	3,110
3,127	3,127	3,112
3,129	3,129	3,114
3,131	3,131	3,116

S. H. Laney 5/1/98

74 ZONES

Ute #1-14C6

SW NE Sec.14, T3S, R6W

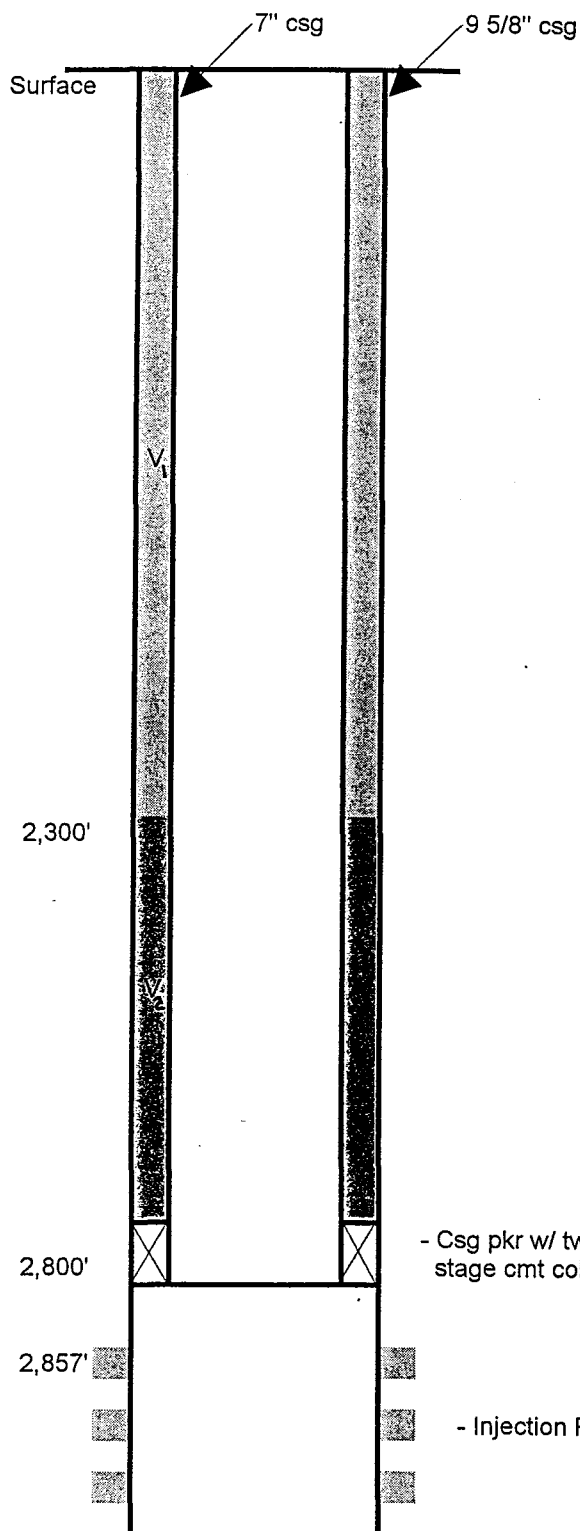
Altamont Field

Duchesne County, Utah

**Coastal Oil & Gas Corporation
7" Liner Cementing Diagram**

5/20/98

JZ

**Cement Volumes:**

$$V_1 = (2300')(0.0282) = 64.86 \text{ bbls lead cmt} = 364 \text{ cu.ft}$$

Using lite cmt yields 1.23 cu.ft./sx

$$\text{Lead cmt} = 364/1.23 = 296 \text{ sx lite cmt.}$$

$$V_2 = (2800'-2300')(0.0282) = 14.10 \text{ bbls tail cmt} = 79 \text{ cu.ft}$$

Using Class-G cmt yields 1.16 cu.ft./sx

$$\text{Tail cmt} = 79/1.16 = 68 \text{ sx Class-G cmt.}$$

$$\text{Total Cement Volume} = 78.96 \text{ bbls} = 443 \text{ cu.ft.}$$

Displacement:

$$\text{Displace 7" csg} = (2800')(0.0393) = 110 \text{ bbls}$$

Note: Displace cement w/ water & bump wiper plug
w/ 1,000 psig.

Capacities:	2 7/8", 6.5# tbg @ 0.00579 bbls/ft.
	7", 23# csg @ 0.0393 bbls/ft.
	9 5/8", 40# csg @ 0.0758 bbls/ft.
	7", 23# x 9 5/8", 40# csg @ 0.0282 bbls/ft.

Ute #1-14C6

Altamont Field
Duchesne County, Utah

**Coastal Oil & Gas Corporation
Workover Data Sheet**

5/20/98

JZ

Well Data

Location: SW NE Sec.14, T3S, R6W (2,115' FEL & 3,341' FSL)
WI: 100% Cost Lease No. 15053
NRI: NA
Elevation: GL @ 5,878', KB @ 5,893' (15' KB)
Total Depth: 10,630', PBDT @ 10,622', CICR @ 4,360'.
Well Status: TA

Casing: 13 3/8", 54.5#, K-55, ST&C, set @ 600' & cmted w/ 600 sx to surface.
9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825' & cmted w/ 850 sx.

Liners: 7", 26, 29, & 32#, N-80, LT&C, set @ 10,622', liner hanger landed @ 7,333' & cmted w/ 750 sx.

Top of cmt @ 4,360' from CBL 10/28/97.

9 5/8" csg patch @ 652'.

CICR @ 4,360' w/ 10 sx (26') Class-H cmt on top.
(150 sx Class-H cmt below Cmt retainer)

Tubing: NA

Casing & Tubular Data

Description	Setting Depth (ft)	ID (inches)	Drift ID (inches)	Capacity (bbls/ft)	Burst (psig)	Collapse (psig)	Yield (lbs)
13 3/8", 54.5#, K-55, ST&C	600	12.615	12.459	0.15450	2,730	1,130	-
9 5/8", 40#, N-80, LT&C	-	8.835	8.679	0.07580	5,750	3,090	-
9 5/8", 40#, S-95, LT&C	7,825	8.835	8.679	0.07580	6,820	3,330	-
2 7/8", 6.5#, N-80, EUE	-	2.441	2.347	0.00579	10,570	11,160	144,960
3 1/2", 9.3#, J-55, EUE	Proposed	2.992	2.867	0.00870	6,980	7,400	142,460
7", 23#, N-80, LT&C	Proposed	6.366	6.241	0.03930	6,340	3,830	442,000

Note: All depths are KB measurement.

Ute #1-14C6

SW NE Sec.14, T3S, R6W
Altamont / Bluebell Field
Duchesne County, Utah

**The Coastal Corporation
Well Workover History**

5/20/98

JZ

Date	Work Description
------	------------------

Note: Well history presented is after the P&A of this well & includes only the conversion workover history.

Sept, 1997

Dress off 9 5/8" csg & run csg patch @ 652', perf 4 holes @ 654', cmt w/ 300 sx to surface, sqz w/ 150 sx, tight spot noted @ 756', isolated hole in csg @ 646' - 660', sqz w/ 150 sx, sqz w/ 20 sx Micro Matrix cmt, sqz w/ 50 sx, perf 4 holes @ 657' (Holes not cmted), RU Cutters, run CBL from 5,265' to surface, perf & test for injectivity as follows:

4,731' - 5,032', 400 holes (3.0 BPM @ 1,000 psig)

4,580' - 4,663', 196 holes (2.4 BPM @ 1,700 psig)

Acidize above perfs w/ 5,000 gals 15% HCl (2.3 BPM @ 1,425 psig).

4,413' - 4,664', 392 holes (2.3 BPM @ 1,475 psig)

Acidize above perfs w/ 5,000 gals 15% HCl, (well swabbed dry).

5,519' - 6,143', 656 holes (Well flowed wtr w/ pH @ 9.9)

Ran CBL from 5,100' to 6,400', set 9 5/8" cmt retainer @ 4,360' & cmted w/ 160 sx Class-H cmt (Left 150 sx below CR & 10 sx on top).

Ute #1-14C6

SW NE Sec.14, T3S, R6W
2,115' FEL & 3,341' FSL

Altamont Field
Duchesne County, Utah

Elev. GL @ 5,878'

Elev. KB @ 5,893' (15' KB)

**Coastal Oil & Gas Corporation
Existing Wellbore Diagram**

5/20/98
JZ

Casing

13 3/8", 54.5#, K-55, ST&C, set @ 600'.
Cmt w/ 600 sx to surface.

9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825'.
Cmt w/ 850 sx.
Perf 4 sqz holes @ 5,300' - 5,303' & sqz 500 sx
behind 9 5/8" casing.

Liners

7", 26, 29, & 32#, N-80, LT&C, set @ 10,622'.
Liner hanger landed @ 7,333'.
Cmt w/ 750 sx.

Top of cmt @ 4,360' from CBL 10/28/97.

Tubing

NA

Original Completion Perforations

9,570' - 9,700'
8,786' - 9,260'
7,900' - 9,118'
8,695' - 9,245'
5,300' - 5,303' (4 sqz holes)
4,730' - 5,192'

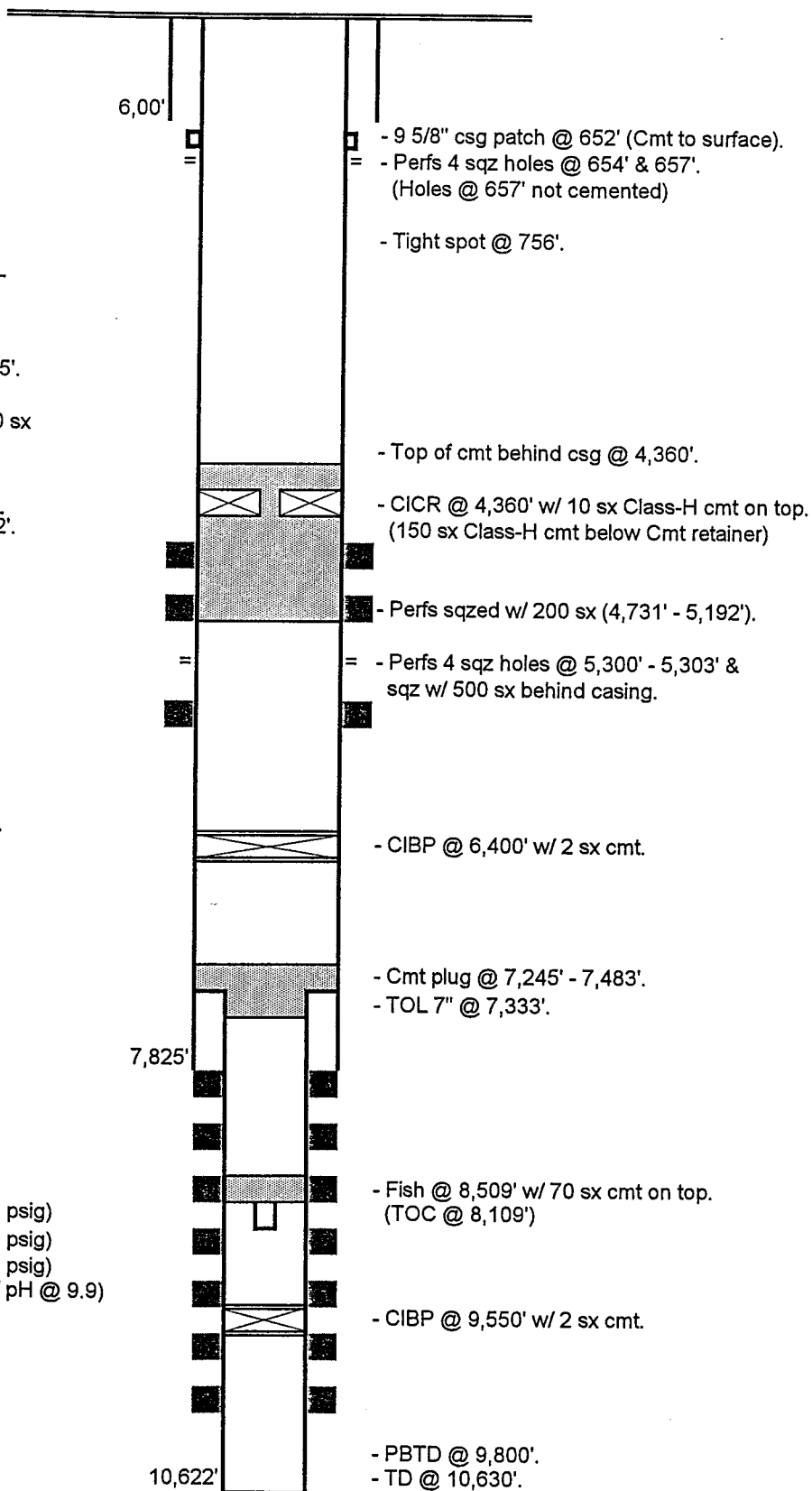
Note: The following perfs are squeezed:
7,900' - 7,930' & 8,030' - 8,040' w/ 300 sx.
8,570' - 8,612' w/ 100 sx.
4,730' - 5,192' w/ 200 sx.

Injection Perforations

4,413' - 4,664', 392 holes (2.3 BPM @ 1,475 psig)
4,580' - 4,663', 196 holes (2.5 BPM @ 1,700 psig)
4,731' - 5,032', 400 holes (3.0 BPM @ 1,000 psig)
5,519' - 6,143', 656 holes (Well flowed wtr w/ pH @ 9.9)

Note: 4 perf holes open @ 657'.
(Inj 1.5 BPM @ 1,400 psig)

Note: All depths are KB measurement.



Ute #1-14C6

SW NE Sec. 14, T3S, R6W
2,115' FEL & 3,341' FSL

Altamont Field
Duchesne County, Utah

Elev. GL @ 5,878'

Elev. KB @ 5,893' (15' KB)

**Coastal Oil & Gas Corporation
Proposed Injection Wellbore Diagram**

5/20/98
JZ

Casing

13 3/8", 54.5#, K-55, ST&C, set @ 600'.
Cmt w/ 600 sx to surface.

9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825'.
Cmt w/ 850 sx.
Perf 4 sqz holes @ 5,300' - 5,303' & sqz 500 sx
behind 9 5/8" casing.

Proposed 7" Tie Back Liner

7", 23#, N-80, LT&C, set @ 2,800'.
Cmted to surface w/ 298 sx Lite & 65 sx Class-G.

Proposed Tubing & Packer

3 1/2", 9.3#, J-55, EUE, 8R (Internally Coated)
3 1/2" SN
3 1/2" on/off tool
7" Arrow Set-1, set @ 2,780'
3 1/2" x 6' tbq sub
3 1/2" F-Type profile nipple

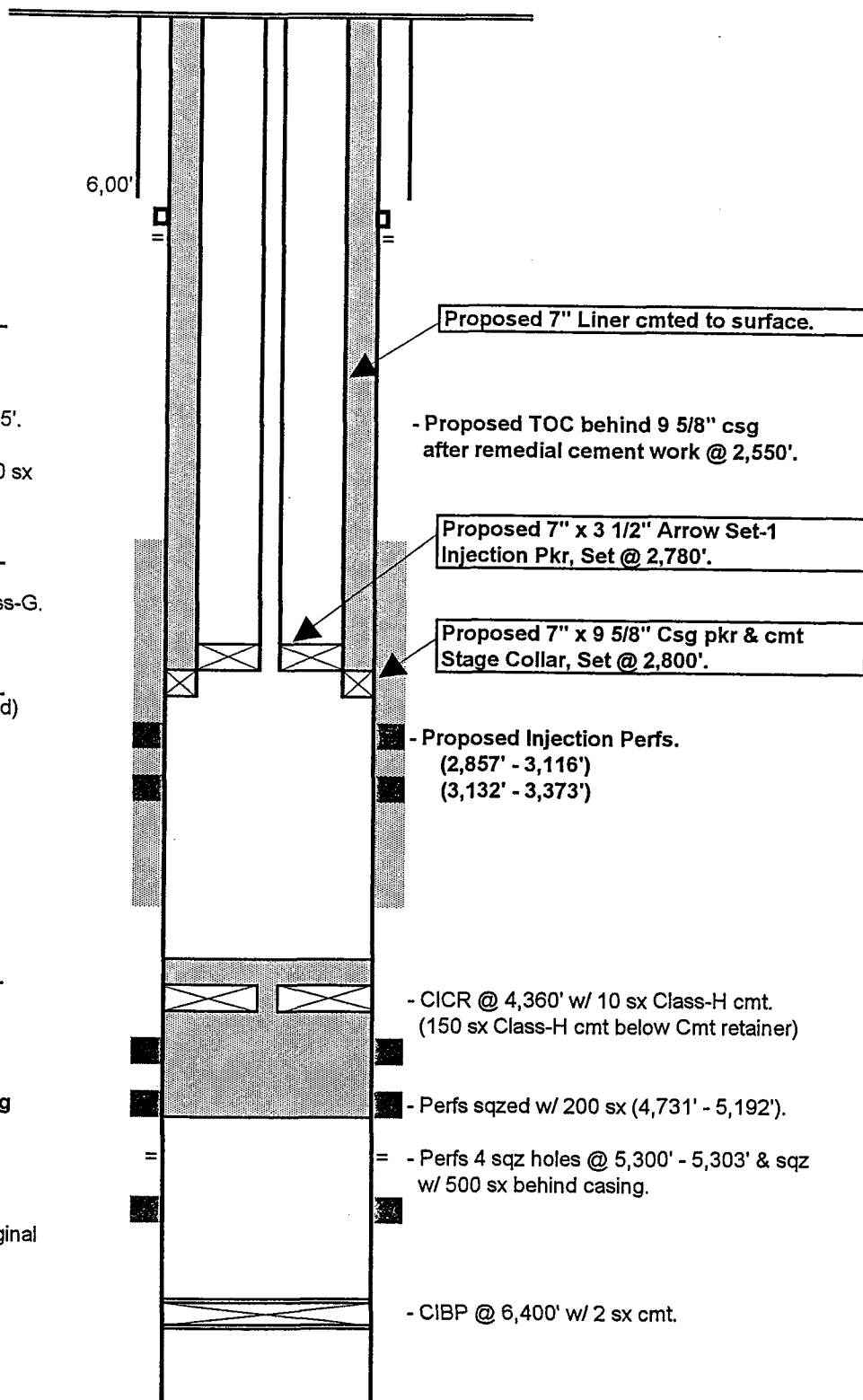
Proposed Injection Perforations

2,857' - 3,116', 74 intervals, 222 holes
3,132' - 3,373', 72 intervals, 216 holes

**Proposed top of cement behind 9 5/8" csg
after remedial cement work @ 2,550'.**

Note: See Existing Wellbore Diagram for Original
perforations & liner configuration.

Note: All depths are KB measurement.



143 SOUTH MAIN ST.
P.O. BOX 48838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D.# 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune



DESERET NEWS

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL GAS & MAINING 1594 WEST NORTH TEMPLE, SUITE 1210, BX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	07/16/98

ACCOUNT NAME	
DIV OF OIL GAS & MAINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL7D8201681
SCHEDULE	
START 07/16/98 END 07/16/98	
CUST. REF. NO.	

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-224
BEFORE THE DIVISION OF
OIL GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES STATE OF UTAH

IN THE MATTER OF THE APPLIC-
TION OF COASTAL GAS AND OIL
CORPORATION FOR ADMINIS-
TRATIVE APPROVAL OF RITE #
1406 WELL LOCATED IN SECTION
14, TOWNSHIP 3 SOUTH, RANGE 6
WEST, U.S.M., DUCHESNE COUNTY,
UTAH, AS A CLASS 1 UNEC-
TION WELL.

THE STATE OF UTAH TO ALL PER-
SONS INTERESTED IN THE ABOVE
ENTITLED MATTER:

Notice is hereby given that
the Division of Oil Gas and Min-
ing (the Division) is commen-
cing an informal adjudicative
proceeding to consider the ap-
plication of Coastal Gas and Oil
Corporation (the Applicant) for
administrative approval of the
location of the 1406 well
located in Section 14, Township
3 South, Range 6 West, U.S.M.,
Duchesne County, Utah, as a
Class 1 Unec-tion Well. The
proceeding will be held in the
office of the Division, 1500
West North Temple, Salt Lake
City, Utah, on July 16, 1998.

The Applicant is required to
appear at the hearing and
present evidence in support of
its application. Failure to
appear will result in the
Division's decision being
based on the evidence
presented by the State of
Utah.

Any person wishing to
intervene in the proceeding
must file a written
petition with the Division
not later than July 16, 1998.

For more information
regarding this proceeding,
contact the Division at
1500 West North Temple,
Salt Lake City, Utah 84114,
or call (801) 538-5340.

STATE OF UTAH
DIVISION OF OIL GAS AND
MINING
1500 WEST NORTH TEMPLE
SALT LAKE CITY, UT 84114
7D8201681

UIC-224

CAPTION

NOTICE OF AGENCY ACTION CAUSE N

SIZE

71 LINES 1.00 COLUMN

TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	116.44
TOTAL COST	
116.44	

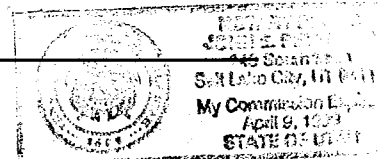
AFFIDAVIT OF PUBLICATION

NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED
PUBLICATION OF NOTICE OF AGENCY ACTION CAUSE N FOR
DIV OF OIL GAS & MAINING WAS PUBLISHED BY THE NEWSPAPER AGENCY
CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS
PUBLISHED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED
IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 07/16/98 END 07/16/98

SUB-
SCRIPTION
FEE
DATE
07/16/98

07/16/98



**THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.**

2871 REC 6131 NUAD801 G GED8

**NOTICE
OF AGENCY
ACTION**

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 21 day of July, 1998, and that the last publication of such notice was in the issue of such newspaper dated the 21 day of July, 1998.

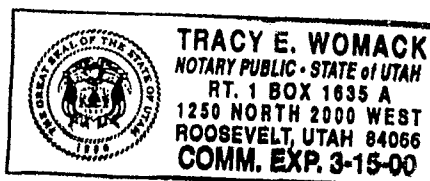


Publisher

Subscribed and sworn to before me this
28 day of July, 1998



Notary Public



CAUSE NO. UIC-224
IN THE MATTER OF
THE APPLICATION OF
COASTAL OIL & GAS
CORPORATION FOR
ADMINISTRATIVE APPROVAL OF THE UTE
1-14C6 WELL LOCATED
IN SECTION 14, TOWN-
SHIP 3 SOUTH, RANGE
6 WEST, U.S.M.,
DUCHESNE COUNTY,
UTAH, AS A CLASS II
INJECTION WELL.
THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED IN
THE ABOVE ENTITLED
MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil & Gas Corporation for administrative approval of the Ute 1-14C6 well, located in Section 14, Township 3 South, Range 6 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 2,360 feet to 3,500 feet (Uintah Formation) will be selectively perforated for water injection. The maximum injection pressure and rate will be determined by means of step-rate testing at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of July, 1998.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

John R. Baza, Associate Director

Published in the Uintah Basin Standard July 21, 1998.



Coastal
The Energy People

April 22, 1998

Dan Jarvis
State of Utah
Division of Oil, Gas, and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84114

Dear Dan:

Coastal recently attempted to convert the Ute #1-14C6 and the Rhoades-Moon #1-36B5 located in Altamont Field to water disposal wells. All injection tests in the permitted Upper Green River interval were unsuccessful. Coastal would now like to obtain permission to test the Uinta interval for injection. The enclosed study examines the existing water disposal wells in the southwestern portion of Altamont Field and how injecting into the Uinta in the #1-14C6 and the #1-36B5 might affect potential aquifers. If there is other data that you would like to examine, please let us know.

Sincerely,

Steve Laney
Senior Geologist
Coastal Oil and Gas

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303 572-1121

**DISPOSAL OF PRODUCED WATERS IN SOUTHWESTERN ALTAMONT FIELD
A REVIEW OF EXISTING DISPOSAL WELLS AND A STUDY OF THE POSSIBILITY OF
UINTA INJECTION IN THE UTE #1-14C6 AND THE RHOADES-MOON #1-36B5**

Purpose

The purpose of this study is to determine if produced waters can be injected into the Uinta Formation in the Ute #1-14C6 and the Rhoades-Moon #1-36B5 without affecting any aquifers that might be used for drinking or agricultural purposes.

Proposal

Coastal proposes circulating cement behind pipe in both wells and then testing the following Uinta intervals for injection:

#1-36B5 4,040 - 5,150

#1-14C6 2,360 - 3,500

Background

Production costs in Altamont Field are escalating due to several factors: the waxy characteristics of the crude, the deep target depths, low average oil production rates, and the production of substantial quantities of water. Water disposal costs are held in check by an extensive network of pipelines and disposal wells. As existing disposal wells approach fillup and their injection capacities are reduced, it is imperative that new disposal wells be established. Failure to do this and expand the existing disposal network will result in prohibitive production costs and the premature abandonment of many of the currently producing wells.

The currently approved injection interval is the Upper Green River. Coastal recently attempted to convert two wells in Altamont Field to water disposal wells (#1-14C6 and #1-36B5). Both wells tested the Upper Green River interval which was too tight to allow for suitable injection pressures. The only exception was an interval in the 1-14C6 that flowed high pH water which is incompatible with produced waters from the Wasatch.

Due to the disappointing Upper Green River injection results in the proposed disposal wells, Coastal is left with three alternatives: attempt injection in the deeper Lower Green River interval, attempt injection in the shallower Uinta Formation, or abandon these wells. The Lower Green River Formation is included in the Altamont-Bluebell Field spacing order which does not provide for injection, thus Coastal would like to avoid injection into the Lower Green River at this time. Abandonment of these wells would be a significant economic setback because of

Coastal's need for new disposal capacity and the cost of attempting conversions in other wells. Coastal's best alternative is to obtain permission to attempt injection in the Uinta Formation.

Scope of the Study

Area:

Townships 2S-4W through 2S-7W and 3S-4W through 3S-7W in Duchesne County, Utah

Water Disposal Wells:

Lakefork #2-23B4 (Sec 23-2S-4W)
Russell #2-32B4 (Sec 32-2S-4W)
Tew #1-9B5 (Sec 9-2S-5W)
Erich #2-11B5 (Sec 11-2S-4W)
LDS Church #2-27B5 (Sec 27-2S-5W)
Bluebench #13-1 (Sec 13-3S-5W)
Saleratus #2-17C5 (Sec 17-3S-5W)
Ute #1-A (Sec 18-3S-6W)
SWD #1 (Sec 24-3S-6W)

Proposed Disposal Wells:

Rhoades-Moon #1-36B5 (Sec 36-2S-5W)
Ute #1-14C6 (Sec 14-3S-6W)

Discussion

A paper by M. Dane Picard, 1957, was used as the stratigraphic basis for this study. The top of Picard's Green River delta facies is what Coastal uses as the top of the Lower Green River and is also the top of the formations which are subject to the spacing order in Altamont-Bluebell Field. The top of the Upper Green River is a much more complex question. As Picard noted, it is difficult to place the Uinta/Green River contact in the subsurface, and in the central part of the Uinta Basin (the location of this study) the boundary is tentatively placed near the middle of the Saline Facies. For convenience sake and for permitting purposes the top of the Saline Facies is used as the top of the Upper Green River. Enclosure No. 1 is a structure map at the top of the Saline Facies.

Coastal wanted to convert the #1-14C6 and the #1-36B5 to water disposal wells and obtained permission to test the Upper Green River in both these wells for possible injection. The results of Coastal's tests are summarized in the following two paragraphs.

#1-14C6 History: The #1-14C6 was originally completed in July, 1971 as a Wasatch producer. After three recompletions in the Wasatch, the Upper Green River was perforated in July, 1977, from 4730 to 5192 and flowed 1040 BW in 13 hours. This was close to an interval noted on the mud log (5240') where the hole began to flow during drilling. The well was subsequently

abandoned. In October and November of 1997, Coastal re-entered this well and began testing Upper Green River intervals for injection. An effort was made to avoid any zones that might flow water. The following is a brief summary of Coastal's injection attempts:

- (1) Perfed 4731-5032 Injected 3 BPM @ 1000 psig
- (2) Perfed 4583-4676 Injected 2.4 BPM @ 1700 psig
Acidized Injected 2.3 BPM @ 1425 psig
- (3) Perfed 4413-4664 Injected 2.3 BPM @ 1475 psig
- (4) Perfed 5519-6143 Well flowed 1.3 BPM high pH water (up to pH 9.9). Coastal determined that the formation water would react adversely with the potential injection waters.

#1-36B5 History: The #1-36B5 was initially completed in the Wasatch in June, 1974. Additional Wasatch perforations were added in 1976 and the Lower Green River was perforated in 1988. In January, 1998, Coastal re-entered this well and made the following injection attempts:

- (1) Perfed 6610-6820 Injected 3.5 BPM @ 1200 psi
- (2) Perfed 6490-6576 Injected 2 BPM @ 2600 to 3800 psi
Acidized Injected 9 BPM @ 4700 to 5000 psi
- (3) Perfed 6440-6480 Injected 2 BPM @ 2500 psi
- (4) Perfed 5270-6170 Injected 3.5 BPM @ 1500 psi

Coastal would like to establish injection rates of 4 bpm or greater. The maximum injection pressures set by the EPA for the permitted intervals were 918 psig for the #1-14C6 and 1116 psig for the #1-36B5. As demonstrated, none of the intervals tested were suitable. The only zone not pressure tested in the #1-14C6 (5519-6142') had formation water with pH values up to 10. Deeper Upper Green River zones were not tested in the #1-36B5 because of the results of the #1-14C6. Enclosure No. 2 is a stratigraphic cross section hung on the top of the saline facies. This cross section includes all the disposal wells covered by this study along with Coastal's proposed injection wells. The intervals tested in the proposed injection wells are shown. Three of the disposal wells on this cross section have injection intervals in the Upper Green River. The data show that economic injection into the Upper Green River has been established only when an obvious porous zone can be found, as is the case in the Ute #1A (sec 18-3S-6W) which is injecting into a 70' sand with good porosity and permeability. This sand body trends NE-SW and pinches out before it gets to the #1-14C6. No similar reservoirs are found in the Upper Green River in the #1-14C6 or the #1-36B5.

The Altamont #1 SWD (sec 24-3S-6W) was completed as an injection well in the Upper Green River in 1975 using an uncemented slotted liner. The initial injection rate was very low (395 BWPd, .3 BPM). In 1977 the operator proposed adding perforations in the Uinta. There is no record that this work was ever done; however, a recent examination of this well by state and federal regulatory personnel indicates that the injection interval is probably shallower than the Upper Green River.

The Bluebench #13-1 (sec 13-3S-5W) has perforations in the Upper Green River and the Lower

Green River. It is possible that most of the water being injected in this well is going into the Lower Green River; therefore, this well does not provide conclusive proof that an Upper Green River interval similar to the #1-14C6 and the #1-36B5 can be successfully used for disposal.

As evidenced by Enclosure No. 2, most of the disposal wells are injecting into the Uinta Formation. A fairly complete compilation of formation water analyses from the Uinta injection intervals shows that all but one zone have total dissolved solids (TDS) greater than 10,000 ppm or mg/l. A small shallow interval in the #2-11B5 had TDS of 8,956 mg/l; however, the zone immediately above this had a salinity value of 10,320 ppm. It is apparent that none of these zones could reasonably be used as a source of drinking or agriculture water without expensive treatment.

The next question is whether waters injected into the Uinta could break through and contaminate other aquifers which are used for drinking water. Enclosure No. 3 is a structural cross section showing the #1-14C6 and the #1-36B5 and the proposed Uinta injection intervals. Since no shallow resistivity log exists for the #1-36B5, the log from the nearby #1-6C4 (sec 6-3S-4W) was used and depth adjusted. A search was made of all existing water wells within a one section radius of each of the proposed injection wells, and the deepest ones were projected along structural strike into the cross section. Lithologic information was obtained from mud log data. Since the mud logs for the #1-14C6 and the #1-36B5 begin below the Uinta, mud logs from the #2-14C6 and the #1-6C4 were incorporated. The data from the #2-14C6 was spotted into the cross section along structural strike. The accuracy of the mud log data depends greatly on the expertise of the mudlogger; however, this information can give a general picture of major lithologic changes. As shown by this enclosure, the Uinta in this area can be divided into an upper "sandy facies" composed mostly of interbedded sandstones, siltstones, and shales, and a lower interval of predominately shales and limestones with a few sands found near the base. This change in lithology is accompanied by a definite change in the average minimum gamma ray reading on the logs. The proposed injection intervals are vertically separated from nearby water wells by 1800 to 3500' of section, a significant portion of which is low porosity rock. It is believed that there will be no significant vertical migration and no potential for contamination of nearby water wells.

The structure map on the top of the Saline Facies (Enclosure No. 1) shows that the dip of the beds is generally to the northeast with no apparent faulting. The stratigraphic equivalent of Coastal's proposed injection intervals should outcrop approximately 5 miles to the south of the #1-14C6. A review of well logs in the area (see Enclosure No. 3) shows high variability in the Uinta section. It is believed that the lithologic variation seen in the proposed injection interval will prevent injected waters from migrating far enough updip to contaminate surface waters or shallow water wells.

Conclusions

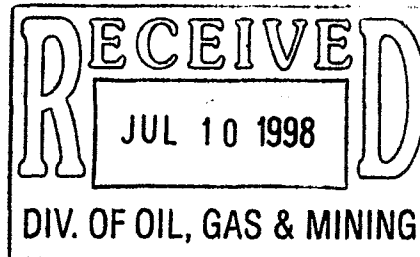
- (1) Coastal has been unable to find a suitable Upper Green River injection interval in the #1-14C6 and the #1-35B5.
- (2) The Uinta formation waters in surrounding wells tested > 10,000 ppm total dissolved solids in the same interval as that proposed for the #1-14C6 and the #1-35B5. These waters would not be used for drinking or agricultural use.
- (3) The proposed Uinta injection intervals are vertically separated from nearby water wells by a thick interval containing numerous low porosity layers.
- (4) Long distance updip migration of injected waters is not likely due to stratigraphic variation.

Reference

Picard, M. Dane, 1957, *Green River and Lower Uinta Formations - Subsurface Stratigraphic Changes in Central and Eastern Uinta Basin, Utah*: Intermountain Assoc. Petroleum Geologists Guidebook, Eighth Ann. Field Conf., p. 116-130.

S. H. Laney April, 1998

APPLICATION FOR INJECTION WELL - UIC FORM 1



OPERATOR Coastal Oil & Gas Corporation
ADDRESS P.O. Box 749
Denver CO 80201-0749

Well name and number: <u>Ute 1-14C6</u>	
Field or Unit Name: <u>Cedar Rim</u>	Lease no. _____
Well Location: QQ <u>SWNE</u> section <u>14</u> township <u>3S</u> range <u>6W</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [] No [X]	
Will the proposed well be used for:	Enhanced Recovery? Yes [] No [X]
	Disposal? Yes [X] No []
	Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well, has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-30056</u>	
Proposed injection interval: from <u>2,857'</u> to <u>3,373'</u>	
Proposed maximum injection: rate <u>3,000 BPD</u> pressure <u>1,085</u> psig	
Proposed injection zone contains [] oil, [] gas, and/or [] fresh water within 1/2 mile of the well. <p style="text-align: center;">There are no wells within a 1/2 mile of the well.</p>	
IMPORTANT: Additional information as required by R615-5-2 should accompany this form.	
List of Attachments: _____	
I certify that this report is true and complete to the best of my knowledge.	
Name <u>Sheila Bremer</u>	Signature <u>Sheila Bremer</u>
Title <u>Environmental & Safety Analyst</u>	Date <u>7/9/98</u>
Phone No. <u>(303) 573-4455</u>	
(State use only) Application Approved by _____ Title _____ Approval Date _____	

Comments:

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF COASTAL OIL &	:	ACTION
GAS CORPORATION FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-224
THE UTE 1-14C6 WELL LOCATED IN	:	
SECTION 14, TOWNSHIP 3 SOUTH,	:	
RANGE 6 WEST, U.S.M., DUCHESNE	:	
COUNTY, UTAH, AS A CLASS II	:	
INJECTION WELL	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED
MATTER.

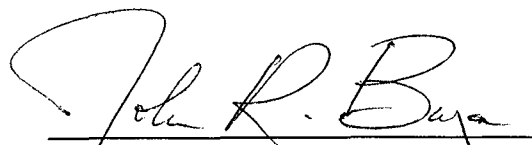
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil & Gas Corporation for administrative approval of the Ute 1-14C6 well, located in Section 14, Township 3 South, Range 6 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 2,360 feet to 3,500 feet (Uintah Formation) will be selectively perforated for water injection. The maximum injection pressure and rate will be determined by means of step-rate testing at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of July, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

July 10, 1998

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-224

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt
Secretary

Enclosure



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

July 10, 1998

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066-9998

Re: Notice of Agency Action - Cause No. UIC-224

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Larraine Platt".

Larraine Platt
Secretary

Enclosure

**Coastal Oil & Gas Corporation
Ute 1-14C6 Well
Cause No. UIC-224**

Publication Notices were sent to the following:

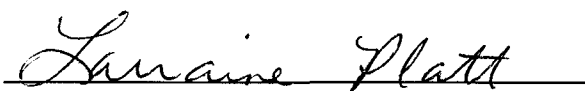
Coastal Oil & Gas Corporation
Sheila Bremer
P.O. Box 749
Denver, Colorado 80201-0749

Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

Division of Wildlife Resources
Jack Lytle
152 East 100 North
Vernal, Utah 84078



Lorraine Platt
Secretary
July 10, 1998



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

August 11, 1998

Coastal Oil & Gas Corporation
600 17th Street, Suite 800 S
P.O. Box 749
Denver, CO 80201-0749

Re: Ute #1-14C6 Well, Section 14, Township 3 South, Range 6 West (USB&M), Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Coastal Oil & Gas Corporation.
3. Cement bond logs must be submitted to the Division for review after remedial cementing operations.
4. The Division requires 24 hours notice for the option of witnessing injection zone swabbing operations and water sample gathering.

If you have any questions regarding this approval or the necessary requirements, please contact Christopher Kierst at (801) 538-5337 at this office.

Sincerely,

for

John R. Baza
Associate Director, Oil and Gas

lwp

cc: Dan Jackson, Environmental Protection Agency
Jack Lytle, Division of Wildlife Resources, Vernal Office

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
STATEMENT OF BASIS**

Applicant: Coastal Oil and Gas

Well: UTE 1-14C6

Location: Sec. 14, T.3 S., R.6 W., Duchesne County

Ownership Issues:

The proposed well is located in section 14, township 3 south, range 6 west, Duchesne County, Utah. The surface location is owned by the Division of Wildlife Resources. There are two other surface owners in the one-half mile area of review. Coastal Oil and Gas is the operator of all leases in the 1/2 mile radius. An affidavit has been filed stating that all surface owners in the 1/2 mile area have been notified.

Well Integrity:

The well proposed for injection is the Ute 1-14C6. The well is presently shutin after an unsuccessful attempt to convert the well to an upper Green River Formation salt water disposal well. This well has a 13 3/8" surface casing set at 600 feet and cemented to surface. A 9 5/8" intermediate casing was set from surface to 7825 feet and cemented with 850 sx. The 9 5/8" casing was subsequently cut off at 600 feet and pulled. When the initial attempt at conversion was made a 600' section of 9 5/8" casing had to be reintroduced to the well bore to replace that which was pulled, the original 9 5/8" casing was perforated at 654 feet and at 657 feet, and a casing patch run from 652 feet to surface. The present construction has a cement retainer at 4360 feet with the top of cement behind the 9 5/8" also at 4360 feet (150 sx. of Class H cement was placed in the 9 5/8" below the cement retainer and 10 sx. above it). A second cement plug is set at the bottom of the 9 5/8" casing from 7245-7483. Proposed completion procedures call for a 7", 23#, N-80, LT&C casing tie-back running from 2800 feet to surface. The remedial cementing program will start with perfs at 3700 feet and at 2550 feet. A cement retainer on 2 7/8" tubing will be placed at 2575 feet and 512 sx. of Class G cement will be displaced behind the 9 5/8" casing through the lower perfs and back up into the 9 5/8", above the cement retainer, via the upper perfs. The 9 5/8" casing will be drilled out, pressure tested and CBL logged from 2400 feet to 3800 feet. Injection perfs in the Uinta Formation will be placed from 2857 feet to 3116 feet in Phase I and from 3132 feet to 3373 feet in Phase II. Success in Phase I will obviate the need for Phase II perfs and require the 7" casing tie-back be set at 3080 feet (injection packer set at 3060 feet), changing the prognosticated cement volumes. Lack of success in the injectivity test for both Phase I and Phase II may necessitate a subsequent remedial cementing and injection testing program over an upper interval (2360 feet to 2835 feet by BHC Sonic log or 2345 feet to 2835 feet by CBL dated 10/28/97) in the

Uinta Formation as noted in the first Note at the end of Page 2 of the Well Completion Procedure (dated 5/20/98). The lower perms may be shot, swabbed and acidized before the upper perms. After the 7" casing tie-back is cemented from 2800 feet to surface (296 sx. light lead cement and 68 sx. Class G tail) and pressure tested (2000 psig for 30 minutes), 2 7/8" tubing will be run (with an injection packer) to 2780 feet. The quality of water in the injection zone is presently unknown and the permed injection zones will be swabbed to obtain a representative samples. There are no oil or water wells in the 1/2 mile area of review. A casing integrity test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.

Ground Water Protection:

While the base of moderately saline water may be as deep as 3400 feet in the area, most other injection wells in the area are apparently injecting into this interval of the Uinta Formation and no deleterious effects have been documented. It appears that this may be a case where zones of fresher water interleave with zones of more saline water. The zone needs to be swabbed to determine the quality of the water. A step-rate test will be required to determine the fracture gradient for the injection zone. There are no water wells in the area of review. Any fresh and usable waters would most likely be contained in the surface alluvium and subjacent Duchesne River Formation. The upper confining zone consists of impermeable shale, siltstone and limestone beds of the Uinta Formation with an unpermed interval of approximately 300' at the top of the lower Uinta Formation. The lower confining zone consists of shale, limestone, and sand stringers of the Green River Formation. Any shallow fresh water zones will be adequately protected by the proposed construction. An aquifer exemption will need to be sought from the Oil, Gas and Mining Board if the swabbed water from the proposed injection zone is fresher than 10,000 mg/l TDS and Class II conversion is still desireable.

Oil/Gas & Other Mineral Resources Protection:

Injection into this well should have no adverse affects on any offsetting production. There are no other known mineral interests of concern.

Bonding:

Coastal Oil and Gas has a statewide bond in the amount of \$80,000 dollars.

Actions Taken and Further Approvals Needed:

A public notice for the injection well was published in both the Salt Lake Tribune and the Uinta Basin Standard newspaper. No objections to the application were received. The permittee needs to convert the well as proposed in the submitted application. A cement bond log needs to be run, and a representative sample swabbed once the casing has been perforated. A step rate test needs to be run to determine the fracture pressure.

CJK
Reviewer

7/14/98
Date



Coastal
The Energy People

August 16, 1999

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas
1594 West North T
Salt Lake City, Utah

Dear Mr. Jarvis:

Coastal Oil & Gas
into the Ute 1-14C
and the copy of the

If you should have

*Ronny Routh
(435) 781-7021
1/5 Steve Lancy still
w/ Coastal - He was working
on project.*

after
record

*Coastal - Rocky Mtn. Dist. Office
Sam Prutch
Ops. Mgr. in Vernal*

Attachments:

CC: Sam Purcell
Bill McGahey

*Bill McGahey
Spt.*

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436



August 16, 1999

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple Suite 1210
Salt Lake City, Utah 84114

Dear Mr. Jarvis:

Coastal Oil & Gas Corporation requests permission to begin injecting produced water into the Ute 1-14C6 SWD. Attached is the mechanical integrity test, well rework record and the copy of the water analysis report.

If you should have any questions, please call me at (435)-781-7021.

Sincerely,

Ronny Routh
Senior Environmental Coordinator

Attachments:

CC: Sam Purch
Bill McGaughey

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • PO BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

Ute #1-14C6

SW NE Sec.14, T3S, R6W
2,115' FEL & 3,341' FSL
Altamont Field
Duchesne County, Utah

Elev. GL @ 5,878'

Elev. KB @ 5,893' (15' KB)

**Coastal Oil & Gas Corporation
Existing Wellbore Diagram**

5/20/98
JZ

Casing

13 3/8", 54.5#, K-55, ST&C, set @ 600'.
Cmt w/ 600 sx to surface.

9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825'.
Cmt w/ 850 sx.
Perf 4 sqz holes @ 5,300' - 5,303' & sqz 500 sx
behind 9 5/8" casing.

Liners

7", 26, 29, & 32#, N-80, LT&C, set @ 10,622'.
Liner hanger landed @ 7,333'.
Cmt w/ 750 sx.

Top of cmt @ 4,360' from CBL 10/28/97.

Tubing

NA

Original Completion Perforations

9,570' - 9,700'
8,786' - 9,260'
7,900' - 9,118'
8,695' - 9,245'
5,300' - 5,303' (4 sqz holes)
4,730' - 5,192'

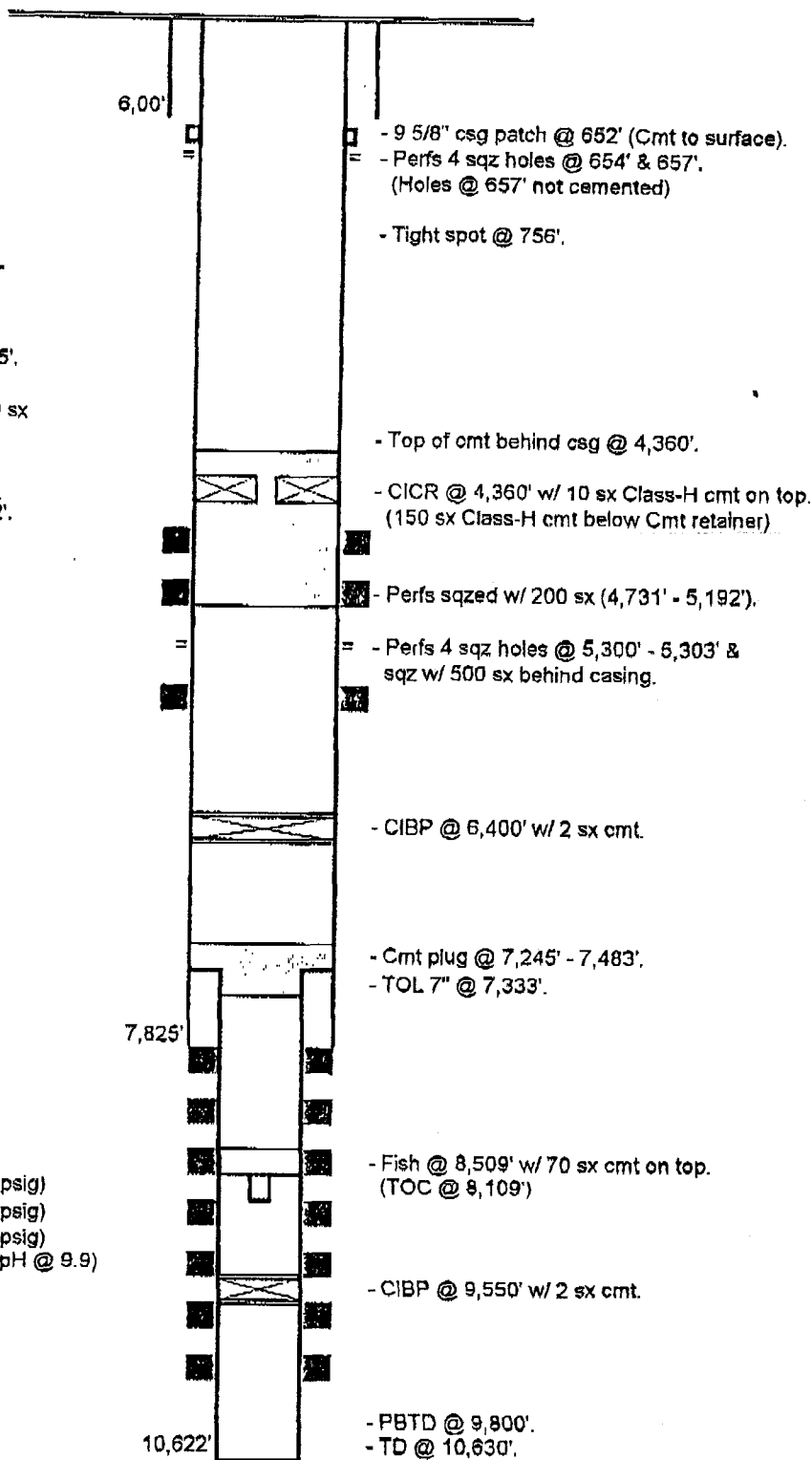
Note: The following perfs are squeezed:
7,900' - 7,930' & 8,030' - 8,040' w/ 300 sx.
8,570' - 8,612' w/ 100 sx.
4,730' - 5,192' w/ 200 sx.

Injection Perforations

4,413' - 4,664', 392 holes (2.3 BPM @ 1,475 psig)
4,580' - 4,663', 196 holes (2.5 BPM @ 1,700 psig)
4,731' - 5,032', 400 holes (3.0 BPM @ 1,000 psig)
5,519' - 6,143', 656 holes (Well flowed wtr w/ pH @ 9.9)

Note: 4 perf holes open @ 657'.
(Inj 1.5 BPM @ 1,400 psig)

Note: All depths are KB measurement.



EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE
Coastal Oil & Gas Corporation
P.O. Box 1148
Vernal, Utah 84078

NAME AND ADDRESS OF CONTRACTOR
Howlet Construction
3575 South 500 West
Vernal, Utah 84078

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRES

STATE
UT

COUNTY
Duchesne

PERMIT NUMBER
UT-2816-04352

SURFACE LOCATION DESCRIPTION

1/4 OF SW 1/4 OF NE 1/4 SECTION 14 TOWNSHIP 3S RANGE 6W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 3341' ft. from (N/S) S Line of quarter section
and _____ ft. from (E/W) E Line of quarter section

WELL ACTIVITY

- ☐ Brine Disposal
☒ Enhanced Recovery
☐ Hydrocarbon Storage

Lease Name

Ute #1-14C6

Total Depth Before Rework

10.630

Total Depth After Rework

10.630

Date Rework Commenced

11/5/97

Date Rework Completed

6/12/99

TYPE OF PERMIT

- ☒ Individual
☐ Area
Number of Wells 1

Well Number

#1-14C6

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
						Please refer to the attached DHD f/csg & cmt. perf & frac.

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL

USE ADDITIONAL SHEETS IF NECESSARY

Please refer to the attached Chronological

History.

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

GR/CBL/CCL F/3900'-2200'

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

Ronny Routh

Senior Environmental Coordinator

SIGNATURE

Ronny Routh

DATE SIGNED

August 5, 1999

THE COASTAL CORPORATION PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #1-14C6 SWD
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

Page 1

9/23/97 **AFE Convert to SWD.**
Through
11/15/97 MIRU, cut off well marker. Remove 2' cmt around line pipe. Pull line pipe. Rec 4' with plate on btm. RIH w/ 1 jt 2-7/8", no tag. Weld on 13 3/8" ext. well head flange. RIH w/ sandline & sinker bars. Tag @ 260'. PU BOP. PU 12-1/4" bit, six 4-3/4" DC. Tag cmt stinger, tag top of 9-5/8" cut off csg @ 651'. Circ clean. POOH. RIH w/ 8-1/2" Bit. Tag top of 9-5/8" csg @ 651'. Get into 9-5/8" csg easily. DO cmt from 655' to 671' in 1 hr. Circ Clean. POOH. RIH w/ 12-1/4" wash over shoe, 10-1/2" dress off mill. Tag top of stub @ 651'. Drill soft cmt 4'. Dress off csg stub 1'. POOH. RIH w/ 9-5/8" csg patch, w/ 9 5/8" grapple. Work over csg stub @ 652'. Try to set grapple broke, grapple could not set. ND BOP set slips. RI Cutters, RIH w/ 4" csg gun perf 4 holes @ 654'. RU HOWCO. Pump 300 sxs, 15.6# premium cmt. 12 bbls to surface. RD HOWCO. Cut off csg. NU BOP. Test BOP to 2000 psi. RIH w/ 8 1/2" bit. Tag @ 358'. Drlg cmt from 359' to 540'. Drlg cmt from 540' - 673'. PT csg patch to 800#. Broke back. Inj rate 1 BPM @ 500 psi. POOH. RU HOWCO. Spot 150 sx 15.6 premium cmt. POOH. Sq out 35 sxs, 116 sxs in csg. Top of cmt @ 330'. RIH w/ 8-1/2" rock bit. Tag @ 318'. Drlg to 528' in 9.5 hrs. Drlg cmt from 528' to 674' in 8.5 hrs, 17 FPH. Test csg patch & perf @ 654'. Test to 2000 psi 15 min. Drlg cmt from 674' - 727' in 3 hrs. Drlg cmt from 727' - 765', stringers to 830'. PT to 1200 psi, broke to 800 psi & getting inj rate of 1/2 BPM. RIH w/ 2-7/8" tbg. Circ out to 4289'. Stack out. Drlg from 4289' - 4297' in 2 hrs. Drlg on aluminum & junk? Drlg on junk from 4297' - 4299'. POOH w/ bit. RIH w/ new 8.5" bit. Tag @ 4299'. Drlg on cmt ret. Made 1' in 3.5 hrs. Getting Aluminum & cmt in returns. Lost 140 BW in hole. Drlg on junk from 4300' to 4405' (105') in last 11 hrs. Last hr made no hole. POOH w/ bit. RIH w/ 8.5 mill. Tag @ 4405'. Mill on junk to 4419'. Getting cmt & metal. Drilling on cmt to 4435'. Fell through. Hit stringers to 4475'. Tag @ 4885'. Circ out drlg mud. Drlg to 4995'. POOH w/ mill. RIH w/ 8.5" rock bit. Drlg on cmt from 4995' - 5100'. Drlg cmt from 5100' - 5265'. Circ clean. Get inj rate of 2 BPM to 3 BPM @ 700 psi. POOH w/ bit. RIH w/RBP and pkr, could not work thru tite spot @ 756'. POOH. RIH w/RBP and set @ 4628'. RIH w/pkr isolated hole in csg @ 646-660'. POOH w/pkr, RIH w/retr head. Latch on to RBP @ 4628'. Rlse RBP. POOH. RIH w/ pkr. Set @ 1000'. Test down tbg. No test. 2 BPM @ 1000#. Rlse pkr. Set @ 5006'. Test to 2000#. OK. Isolate leaks in perfs 4874' - 4890'. Inj 2 BPM @ 1000 psi. POOH w/ prk. RIH w/ RBP set @ 2025'. POOH. RU Cutters. Dump 4 sk sand. RIH w/ 2-7/8" tbg to 705'. Spot 150 sxs cmt. Sq 10 sxs out press to 2000'. TOC @ 310', SDFN.

10/17/97 RIH w/ 8 1/2" mill tooth bit, Tag cmt top @ 336', drlg cmt 336' to 684' (336' in 8 hrs, 42' per hr). Test csg to 2000 psig @ 500' OK, @ 620' OK, @ 649' OK, @ 684' bled from 2000 psig to 1300 psig in 15 min, zero rate @ 2000 psig. Test csg to 2000 psig overnight

10/18/97 Lost 1175 psig in 12.5 hrs, test csg to 2000 psig for 1 hr, lost 170 psig. Swab well, 40 runs from 416', wait 1 hr w/ no fluid enrt. POOH w/ 8 1/2" bit, RIH w/ 9 5/8" pkr, cannot get passed 652', set pkr @ 623', pressure tbg to 2000 psig, lost 700 psig in 30 min, pressure csg to 2000 psig, held for 30 min, POOH w/ pkr. RIH w/ 8 1/2" mill tooth bit, EOT @ 623', SDFN.

10/19/97 Tag cmt @ 684', drlg cmt from 684' to 715' & cmt stringers to 750', RIH & tag the 9 5/8" RBP @ 2016', rev circ csg w/ 150 bbls PW, POOH & LD bit. RIH w/ 9 5/8" pkr, set pkr @ 665' (11' below squeezed holes @ 654'), pressure tbg to 2000 psig, held for 15min, reset pkr @ 648', pressure tbg to 2000 psig, bled to 300 psig in 15 min, POOH & LD pkr. RIH w/ open ended tbg, EOT @ 662', MIRU Halliburton, pump 25 bbls FW dn tbg, pump 20 sx micro matrix cmt w/ 50% fluffed sand & displace w/ 3.2 bbls FW (pumped 3.75 bbls cmt into hole @ 654', 1/4 bpm @ 1800 psig, est cmt top @ 600'), SDFN.

10/20-97 WOC 48 hrs.

10/21/97 WOC 48 hrs.

10/22/97 SICP @ zero psig, csg is full, test csg to 2000 psig, no bleed in 15 min, RIH w/ 8 1/2" mill tooth bit, tag cmt @ 627', drlg cmt from 627' to 645' (18' soft, fell thru), RIH & stacked out @ 1930', 86' high (Sand should be @ 2016'), rev circ, returns look like cmt balls, test csg to 2000 psig, bled to 1000 psig in 15 min, wash dn w/ power swivel to sand top @ 2016', rev circ w/ 100 STBW, test csg to 2000 psig, bled to 225 psig in 15 min, Est. inj @ 1500 psig, broke to 1250 psig, inj 10 STBW @ 3/4 bpm @ 1250 psig, TOOH w/ 8 1/2" bit, RIH w/ 9 5/8" 32A pkr, set pkr & test intervals, 670' pmp dn tbg @ 2000 psig, 5 min @ 1100 psig, 682' pmp dn tbg @ 2000 psig, 5 min @ 1100 psig, 1968' pmp dn tbg @ 2000 psig, 5 min @ 900

Ute #1-14C6 SWD

psig, 2000' pmp dn tbg @ 2000 psig, 5 min @ 400 psig, TOOII & LD w/ 9 5/8" pkr, SWI, SDFN

10/23/97 RIH w/ 9 5/8" RBP rectr, head, rcv circ sand off RBP set @ 2025', TOOII w/ RBP, re-dress RBP on loc, RIH w/ 9 5/8" 40# RBP & 32A pkr, set RBP @ 744' & pkr @ 715', pmp dn tbg, test to 2000 psig, no bleed 15 min, bled tbg, test csg to 2000 psig, 15 min @ 400 psig, re-set Pkr @ 620', test csg @ 2000 psig, no bleed 15 min, bled csg, pmp dn tbg 1/2 bpm @ 1800 psig w/ 10 STBW, re-set pkr @ 715' w/ RBP @ 744', test tbg @ 2000 psig, no bleed 15 min, TOOII w/ pkr, MIRU Cutters WLS, dump 5 sx sand on RBP @ 744', est sand top @ 735', RIH w/ 2 7/8" tbg, land tbg @ 662', MIRU Dowell, pmp 50 sx Class-G cmt (10 bbls) dn tbg & displace w/ 3 STBW, TOOII w/ tbg, close BOP, pmp dn csg, stage cmt, sqzd @ 2000 psig w/ 3/4 bbl cmt in csg, est cmt top @ 501', SWI w/ 2000 psig on csg, RDMO Dowell, SDRN, will wait on cement until 7:00 AM 10/25/97.

10/24/97 SICP @ 100 psig, pressure csg to 2000 psig, SWI, WOC.

10/25/97 SICP @ 800 psig, test csg to 2000 psig, no bleed 15 min, RIH w/ 8 1/2" bit & tbg, tag cmt @ 569', drlg to 611', test csg to 2000 psig, no bleed 15 min, drlg cmt to 650', test csg, no test, inj 1.5 bpm @ 1300 psig w/ 20 STBW, call Denver, TOOII w/ tbg & bit, RIH w/ 9 5/8" pkr & set @ 590', swab two runs, IFL @ surface, FFL @ 590', rec 3.4 STBW, SDFN.

10/26/97 Swab well, no entry, test csg, inj 1.5 bpm @ 1300 psig, TOOII w/ tbg & pkr, MIRU Cutters WLS, RIH w/ 4" perf gun, shoot 4 holes @ 657', RD Cutters, RIH w/ 9 5/8" pkr & tbg, set pkr @ 590', test csg, inj 1.5 bpm @ 1400 psig w/ 30 STBW, swab well down, SDFN.

10/27/97 MIRU Howco to sqz, change of orders, TOOII w/ pkr, RIH w/ 8 1/2" bit & tbg, CO cmt & sand to RBP @ 744', TOOII w/ tbg & bit, RIH w/ ret. Head & tbg, tag RBP @ 744', cicc dn & ret. RBP, TOOII w/ tbg & RBP, RIH w/ 8 1/2" bit & tbg tp 3200', SDFN.

10/28/97 RIH w/ 8 1/2" bit, CO to 5265', circ well clean, MIRU Cutters, RIH w/ CBL/GR/CCL, log F/ 5265' to surf, RD Cutters, SDFN.

10/29/97 WOO.

10/30/97 MIRU Cutters, perf 4731' - 5032', 4 spf, 120 deg, RIH w/ 9 5/8" pkr & set @ 4737', swab well, rec 136 STBW, SDFN.

10/31/97 Swab well, rec 437 STBW, inj 3 BPM @ 1000 psig w/ 25 STBW, SDFN.

11/3/97 TOOII w/ 9 5/8" pkr & tbg, RU Cutters Wireline, RIH w/ 9 5/8" WLS RBP, Set RBP @ 4698', RIH w/ 4 1/8" csg gun & perf 4583' - 4676', 4 spf, w/ 196 shots, RD Cutters, SDFN.

11/4/97 RIH w/ 9 5/8" pkr, set @ 4,511', swab well, no entry, inj 2.4 bpm @ 1700 psig, swab dack load, no fluid entry in 1 hr, SDFN.

11/5/97 Swab well, rec 4 STB @ 50% oil, RU Dowell & acidize 4583' - 4676' w/ 5000 gals 15% HCl, ATR @ 3800 psig, ATR @ 16 bpm, ISIP @ 1800 psig, flow 2 hrs, rec 53 STB, swab well, rec 36 STB w/ trace oil, swab dry, inj 2.3 bpm @ 1425 psig, pump 53 STBW, swab dry, rec 38 STB, SDFN.

11/6/97 swab well dry, rec 22 STB w/ trace oil, TOOII w/ tbg & pkr, RU Cutters Wireline, perf from 4413' - 4661' w/ 4 spf, 392 shots, RIH w/ 9 5/8" pkr & tbg, SDFN.

11/7/97 Set pkr @ 4357', swab well dry, rec 28 STBW, inj 2.3 bpm @ 1475 psig, MIRU Dowell, acidize perfs @ 4413' - 4664' w/ 5000 gals 15% Hcl & RS, ATP @ 6000 psig, ATR @ 21 bpm, ISIP @ 1346 psig, SDFN.

11/8/97 Flow well, rec 12 STB, swab well dry, rec 60 STB, TOOII w/ pkr @ 4357', RIH w/ 9 5/8" RBP ret head, tag fill @ 4886', circ sand & fill off RBP, TOOII w/ RBP, tools, & tbg, SDFN.

11/9/97 PU 8.5" bit & collars, RIH & tag cmt ret @ 5265', drlg on cmt ret, made 1 ft in 7 hrs, SDFN.

11/10/97 Drlg on cmt ret @ 5266' to 5315', cmt ret fell free, RIH to 6400', circ clean, SDFN.

11/11/97 RU Cutters Wireline, RIH w/ CBL/GR/CCL, log 6400' to 5100', RIH w/ wireline set 9 5/8" CIBP, set @ 6400', spot 2 sx cmt on RBP, RIH w/ 9 5/8" pkr & 2 7/8" tbg, set pkr @ 4700', spot 15 STB CaCl, inj into perfs 4731' - 5032' w/ 1/2 BPM @ 500 psig, displace to bottom perf, SDFN.

11/12/97 Swab well, fluid @ surf, FFL @ 1000', rec 7 STBW, inj 2 bpm @ 1000 psig, TOOII w/ pkr, RU Cutters, perf 5519' - 6143' w/ 4 spf, 4" gun, RIH w/ 9 5/8" pkr & 2 7/8" tbg, set pkr @ 5423', well flowing hard, had to kill tbg to get pkr in well, SDFN.

11/13/97 Flowing well @ 70 - 80 bph, zero psig, inj 2.5 bpm @ 1100 psig, kill well w/ 10# brine, TOOII w/ tbg & pkr, RU Cutters, RIH w/ 9 5/8" cmt ret., set @ 4360', SDFN.

11/14/97 RIH w/ 2 7/8" tbg, sting into CIGR @ 4360', RU Halliburton, cmt w/ 160 sx Class-H cmt, left 10 sx cmt on top of CIGR, TOOII w/ tbg, ND BOP, cut csg stub, NU blind flange, SDFN.

11/15/97 RDMO. CC: \$316,706

5/18/99 AFE swd. RU NU BOP. DC: \$1,617

5/19/99 AFE swd. MIRU Cutters. RIH tag PBTD @ 4295'. Shot 4 hole @ 3700', 4 holes @ 2550'. POOH, PU 9 5/8" cmt ret. RIH stacked out @ 2243'. Could not get down. POOH, PU 8 5/8" bit. RIH stack @ 2825'. RU pmp & line. Circ out tar @ 200 degree. Circ w/ 300 bbl, POOH w/ bit, PU 9 5/8" pkr. RIH w/ 80 jts 2 7/8" tbg. EOT @ 2538'. DC: \$8,349

Ute #1-14C6 SWD

- 6/5/99 AFE swd. MIRU HOWC. Get inj test. Pump 260 bbl prod wtr. Start @ 1250 bpm, come down to 1250# @ 7.5 bpm. RD HOWC. SDFWE.
CC: \$94,303
- 6/6/99 AFE swd. POOH w/ pkr. MIRU Cutters perf f/ 3116' - 2872' w/ 4" guns. Load w/ 3 JSPF, 120 deg phasing. IFL surf, FFL surf no change, no psi. RD Cutters. RIH w/ 9 5/8" pkr set @ 2808' RU & swab. IFL surf, FFL 1700', rec 132 bbl fluid in 22 runs. Swab 5.5 hrs. SDFN.
CC: \$106,737
- 6/8/99 AFE swd. Swab IFL surf, FFL 1500'. Get inj test pmp 50 bbl @ 3.5 BPM @ 700#, ISITP 500#, 5 min 400#, 10 min 360#, 15 min 325#. Rel pkr, POOH. PU ret tool f/ 9 5/8" RBP. RIH latch plug, rel POOH. SDFN.
CC: \$110,843
- 6/9/99 AFE swd. MIRU csg crew. PU RIH w/ 9 5/8" X 7" 440 csg pkr & stg. DV to 66 jts, 7" - 26# csg. Set pkr @ 2790', test backside to 500# - held. MIRU Dowell, cement w/ 165 sxs (78 bbls). Lead & 70 xss (14 bbls) tail, bump plug w/ 1000#. 10 bbls cement returned. Flushed w/ 106 bbls fresh wtr. RDMO Dowell. Set slips, ND Bop, cut off csg. NU tbg head, NU BOP. SD WOC 24 hrs.
CC: \$177,871
- 6/10/99 AFE swd. Wait on cement.
CC: \$177,871
- 6/12/99 AFE swd. PU RIH w/ F nipple. XO 6' X 3 1/2" sub, 7" X 3 1/2" Arrowset 1-X injection pkr. X/O 2 7/8" on- off tool w/ 1.87" seal nipple on 88 jts. 2 7/8" J - 55 Duoline tbg. 4' sub and tbg hanger, Pmp 86 bbls pkr fluid, set pkr @ 2760'. EOT @ 2772'. Hook up chart press recorder, test csg an. To 1000# for 1 hr - held. ND BOP, NU WH, est inj rate 4 BPM @ 550#, RDMO.
DC: \$38,447
CC: \$216,318

T-723 P.03/13 F-781

Mechanical Integrity Test
Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

A Witness: Dennis Ingram / UTDOGM Date 5 / 28 / 99 Time 10:00 (am/pm)
 st conducted by: Coastal Oil & Gas Corporation
 ners present: Bill McGaughey

Well: Ute #1-14C6

Well ID: UT2816-04352

Field: ALTAMONT/BLUEBELL

Company: Coastal Oil & Gas Corporation

Well Location: Sec.14, T3S, R6W

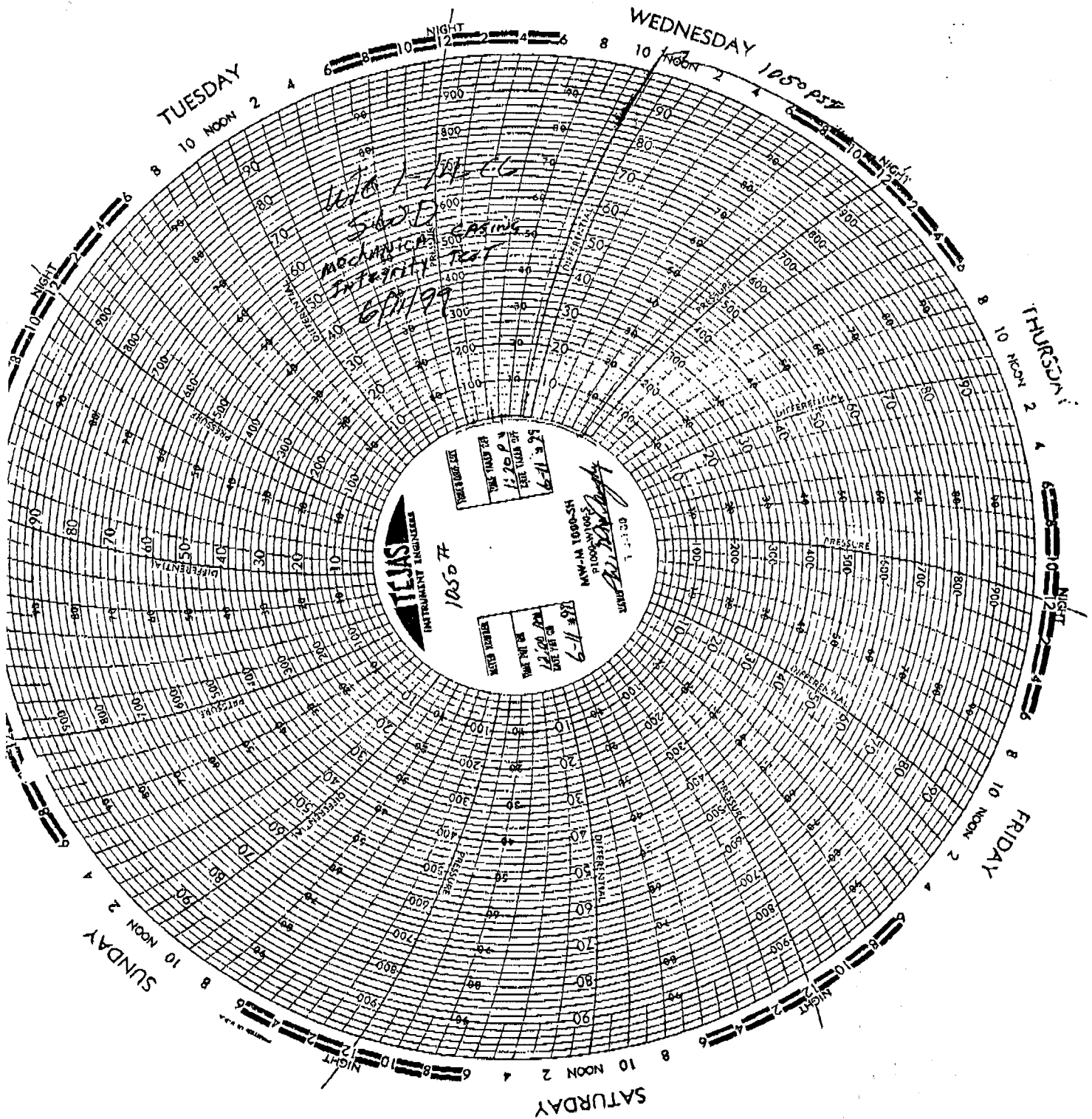
Address: P.O. Box 1148
Vernal, Utah 84078

Time	Test #1	Test #2	Test #3
0 min	1500 psig		
5	1500		
10	1500		
15	1500		
20	1500		
25	1500		
30 min	1500		
35			
40			
45			
50			
55			
60 min			
ubing press	1500 psig		

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: _____
 See back of page for any additional comments & compliance followup.

THIS IS THE FRONT SIDE OF TWO SIDES



INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>UTE 1-1466</u>	API Number: <u>43-013-80056</u>
Oil/Git: <u>SWING</u> Section: <u>14</u>	Township: <u>3S</u> Range: <u>6W</u>
Company Name: <u>COASTAL OIL & GAS CORPORATION</u>	
Lease: State <u>Utah</u> Fed <u>Surface</u>	Federal <u>Indian</u> <u>MINERAL</u>
Inspector: <u>Levens</u> Date: <u>5-20-99</u>	

Initial Conditions:

Tubing - Rate: _____ Pressure: 0 psiCasing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1500</u>	<u>1500</u>
5	<u>1500</u>	
10	<u>1500</u>	
15	<u>1500</u>	
20	<u>1500</u>	
25	<u>1500</u>	
30	<u>1500</u>	

Results Pass/Fail

Conditions After Test:

Tubing Pressure: 1500 psiCasing/Tubing Annulus Pressure: 1500 psi

COMMENTS TESTED FROM 770' TO 4260'. 324 H2O
PAUSE SET @ 770'. TESTED DOWN TUBING INTO CASING.
95°F C@ 404'

J. W. Foreman
 Operator Representative

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5068
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company COASTAL 1-1406

Address _____

Date 06-02-99

Source 1ST RUN AFTER 45 BBLs

Date Sampled _____

Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	10.6		
2. H ₂ S (Qualitative)	15		
3. Specific Gravity	1.195		
4. Dissolved Solids		347,464	
5. Alkalinity (CaCO ₃)	CO ₃	30,000	+ 30 1,000
6. Bicarbonate (HCO ₃)	HCO ₃	12,800	+ 61 210
7. Hydroxyl (OH)	OH	0	+ 17 0
8. Chlorides (Cl)	Cl	148,700	+ 35.5 4,188
9. Sulfates (SO ₄)	SO ₄	660	+ 48 14
10. Calcium (Ca)	Ca	8	+ 20 0
11. Magnesium (Mg)	Mg	5	+ 12.2 0
12. Total Hardness (CaCO ₃)		40	
13. Total Iron (Fe)		7	
14. Manganese		2	
15. Phosphate Residue			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Eq/ly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.52				
NaHCO ₃	84.00	1,210			101,640
Na ₂ SO ₄	71.03	14			994
NaCl	58.49	4,188			244,830

Saturation Values

Distilled Water 20°C

CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

NH₄ 1,375

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84065Office (435) 722-5066
Fax (435) 722-5727**WATER ANALYSIS REPORT****COASTAL**

1-1406

Company

Address

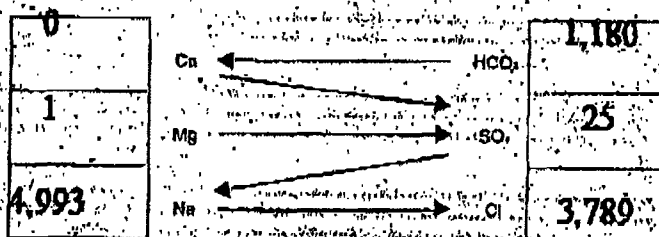
06-02-99
DateSource **2ND RUN AFTER 60 BELS**

Date Sampled

Analysis No.

	Analysis	mg/l(ppm)	*Mg/l
1. PH	10.5		
2. H ₂ S (Qualitative)	4		
3. Specific Gravity	1.196		
4. Dissolved Solids		322,390	
5. Alkalinity (CaCO ₃)		27,000	+ 30 900
6. Bicarbonate (HCO ₃)		17,100	+ 61 280
7. Hydroxyl (OH)		0	+ 17 0
8. Chlorides (Cl)		134,500	+ 35.6 3,789
9. Sulfates (SO ₄)		1,200	+ 48 25
10. Calcium (Ca)		5	+ 20 0
11. Magnesium (Mg)		16	+ 12.2 1
12. Total Hardness (CaCO ₃)		80	
13. Total Iron (Fe)		20	
14. Manganese		3	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Eq. Wt.	X	Mg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	1			73
MgSO ₄	60.18				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,179			99,036
Na ₂ SO ₄	71.03	25			1,776
NaCl	58.46	3,789			221,505

Saturation Values

Distilled Water 20°C

CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

NH₄ = 750

REMARKS

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84086Office (435) 722-5066
Fax (435) 722-5727**WATER ANALYSIS REPORT**Company **COASTAL**

1-HC6 → PKR LEAKED INTO ANNULUS

Address _____

Date **06-02-99**Source **3RD RUN**

Date Sampled _____

Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l.
1. PH	10.6		
2. H ₂ S (Qualitative)	11		
3. Specific Gravity	1.190		
4. Dissolved Solids		251,811	
5. Alkalinity (CaCO ₃)		CO ₃ 28,800	+ 90 960 CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ 11,000	+ 61 180 HCO ₃
7. Hydroxyl (OH)		OH 0	+ 17 0 OH
8. Chlorides (Cl)		Cl 92,000	+ 35.5 2,593 Cl
9. Sulfates (SO ₄)		SO ₄ 3,000	+ 48 63 SO ₄
10. Calcium (Ca)		Ca 5	+ 20 0 Ca
11. Magnesium (Mg)		MG 9	+ 12.2 1 Mg
12. Total Hardness (CaCO ₃)		50	
13. Total Iron (Fe)		18	
14. Manganese		2	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

0	Ca	HCO ₃	1,140
1	Mg	SO ₄	63
3,795	Na	Cl	2,593

Saturation Values

Distilled Water 20°C

CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,080 Mg/l

MgCO₃

103 Mg/l

NH₄ = 1,475

Compound	Eqvly. Wt.	X	Meg/l.	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	1		73	
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,139		95,676	
Na ₂ SO ₄	71.03	63		4,475	
NaCl	58.46	2,593		151,587	

REMARKS _____



FACSIMILE COVER PAGE

THIS TRANSMISSION CONSISTS OF _____ PAGES INCLUDING COVER SHEET

TO: Dan Jarvis @ FAX # (801) 359-3940FROM: Sheila Upchege @ FAX # 435-789-4436Phone # 435-781-7024

If you have any problem receiving the above specified pages, please notify Coastal Oil & Gas Corp office @ 435-789-4433.

Confidentiality Notice:

This message is intended only for the use of the individual or entity designated above, is confidential and may contain information that is legally privileged or exempt from disclosure under applicable laws. You are hereby notified that any dissemination, distribution, copying or use of or reliance upon the information contained in and transmitted with this facsimile transmission by anyone other than the recipient designated by the sender is not authorized and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U.S. Mail, or destroy it if so instructed by the sender.

Thank you

1999

Anomalously high
water analyses (TDS)
- Is Steve Carey still
around? Logs do not
support high TDS (visually)

Water analyses do not document what the perfed interval tested was! Casing diagram does not indicate the relevant set of perfs either (?).

Ronny Routh
(435) 781-7021

Mike Angus-Coastal
1406 3:30 PM
11,200 44 swab runs
11,920
120060 @11:30 AM
(435) 823-5662

start 100,000 $\xrightarrow{68\% \text{ at first}}$
 11,200 \rightarrow 12,000 \rightarrow 119,000
 \rightarrow 100,000 $\xrightarrow{68\% \text{ last}}$ (10% \rightarrow 100,000) \rightarrow 119,000
 Cl. $\xleftrightarrow{\quad}$ Total
 155-158,000 Cl

$$r = 1/c = 1/100,000^{0.00001}$$

$$.044 = 1/c, .044c = 1, c = 1/.044$$

$$c \approx 23$$

☐ READ
☐ HANDLE
☐ APPROVE
and
☐ FORWARD
☐ RETURN
☐ KEEP OR DISCARD
☐ REVIEW WITH ME

Date 10/30/97

To GLH
DJJ

From JRB

ations
satisfaction
Conduct

of stability

(281) 357 270
Ron Mathers
(leave message)

Unichem Che

10/8/99 - will call
back on 10/12/99
(Tuesday)

Sg results very hi
TDS results.
above saturation
Saturation should be
3 times higher on cond.

5:12 PM 9/24
Sam Preuch
435 781 7037

1:36 PM 9/13 Sambar
Coastal Ox & Vernal
435 781 7037

4:56 PM 9/13
Mike Angus 454-3394
Coastal

781-7021.

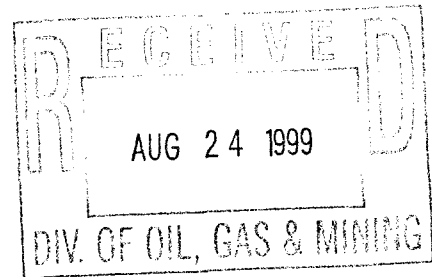
tal Coordinator

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436



August 16, 1999



Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple Suite 1210
Salt Lake City, Utah 84114

Dear Mr. Jarvis:

Coastal Oil & Gas Corporation requests permission to begin injecting produced water into the Ute 1-14C6 SWD. Attached is the mechanical integrity test, well rework record and the copy of the water analysis report.

If you should have any questions, please call me at (435)-781-7021.

Sincerely,

Ronny Routh
Senior Environmental Coordinator

Attachments:

CC: Sam Purtch
Bill McGaughey

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P O BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

Mechanical Integrity Test

Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: Dennis Ingram / UTDGCM Date 5 / 28 / 99 Time 10:00 (am/pm)
Test conducted by: Coastal Oil & Gas Corporation
Others present: Bill McGaughey

Well: Ute #1-14C6

Field: ALTAMONT/BLUEBELL

Well Location: Sec.14, T3S, R6W

Well ID: UT2816-04352

Company: Coastal Oil & Gas Corporation

Address: P.O. Box 1148
Vernal, Utah 84078

Time	Test #1	Test #2	Test #3
0 min	1500 psig	psig	psig
5	1500		
10	1500		
15	1500		
20	1500		
25	1500		
30 min	1500		
35			
40			
45			
50			
55			
60 min			
Tubing press	1500 psig	psig	psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: _____
See back of page for any additional comments & compliance followup.

This is the front side of two sides

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (435) 722-5066
Fax (435) 722-5727**WATER ANALYSIS REPORT**Company **COASTAL 1-1406**

Address _____

Date **06-02-99**Source **1ST RUN AFTER 45 BBLs**

Date Sampled _____

Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	10.6		
2. H ₂ S (Qualitative)	15		
3. Specific Gravity	1.195		
4. Dissolved Solids	347,464		
5. Alkalinity (CaCO ₃)	CO ₃ 30,000	+ 30 1,000	CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃ 12,800	+ 61 210	HCO ₃
7. Hydroxyl (OH)	OH 0	+ 17 0	OH
8. Chlorides (Cl)	Cl 148,700	+ 35.5 4,188	Cl
9. Sulfates (SO ₄)	SO ₄ 660	+ 48 14	SO ₄
10. Calcium (Ca)	Ca 8	+ 20 0	Ca
11. Magnesium (Mg)	Mg 5	+ 12.2 0	Mg
12. Total Hardness (CaCO ₃)	40		
13. Total Iron (Fe)	7		
14. Manganese	2		
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Eqvly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,210		101,640	
Na ₂ SO ₄	71.03	14		994	
NaCl	58.46	4,188		244,830	

0

0

5,398

Ca

Mg

Na

HCO₃

SO₄

Cl

1,210

14

4,188

Saturation Values

Distilled Water 20°C

CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

NH₄ = 1,375

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (435) 722-5066
Fax (435) 722-5727**WATER ANALYSIS REPORT****COASTAL**

1-1406

Company

Address

06-02-99
Date**2ND RUN AFTER 60 BBLs**

Source

Date Sampled

Analysis No.

	Analysis	mg/l(ppm)	*Meg/l
1. PH	10.5		
2. H ₂ S (Qualitative)	4		
3. Specific Gravity	1.196		
4. Dissolved Solids		322,390	
5. Alkalinity (CaCO ₃)		27,000	÷ 30 900
6. Bicarbonate (HCO ₃)		17,100	÷ 61 280
7. Hydroxyl (OH)		0	÷ 17 0
8. Chlorides (Cl)		134,500	÷ 35.5 3,789
9. Sulfates (SO ₄)		1,200	÷ 48 25
10. Calcium (Ca)		5	÷ 20 0
11. Magnesium (Mg)		16	÷ 12.2 1
12. Total Hardness (CaCO ₃)		80	
13. Total Iron (Fe)		20	
14. Manganese		3	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

0			
1			
4,993			
	Cu	HCO ₃	1,180
	Mg	SO ₄	25
	Na	Cl	3,789

Saturation Values**Distilled Water 20°C**CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

NH₄ = 750

Compound	Eqvly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	1			73
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	64.00	1,179			99,036
Na ₂ SO ₄	71.03	25			1,776
NaCl	58.46	3,789			221,505

REMARKS

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (435) 722-5066
Fax (435) 722-5727**WATER ANALYSIS REPORT**Company **COASTAL**

Address

Date **06-02-99**Source **3RD RUN**

Date Sampled

Analysis No.

Analysis**mg/l(ppm)*****Mg/l**

1. PH

10.62. H₂S (Qualitative)**11**

3. Specific Gravity

1.190

4. Dissolved Solids

251,8115. Alkalinity (CaCO₃)CO₃**28,800**

+ 30

960CO₃6. Bicarbonate (HCO₃)HCO₃**11,000**

+ 61

180HCO₃

7. Hydroxyl (OH)

OH

0

+ 17

0

OH

8. Chlorides (Cl)

Cl

92,000

+ 35.5

2,593

Cl

9. Sulfates (SO₄)SO₄**3,000**

+ 48

63SO₄

10. Calcium (Ca)

Ca

5

+ 20

0

Ca

11. Magnesium (Mg)

MG

0

+ 12.2

1

Mg

12. Total Hardness (CaCO₃)**50**

13. Total Iron (Fe)

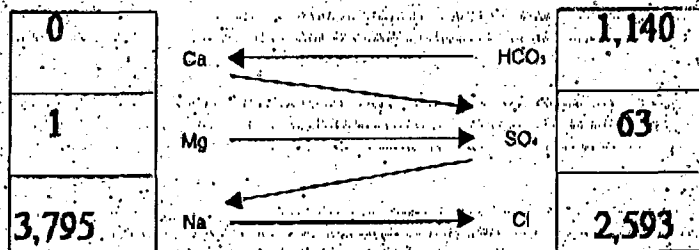
18

14. Manganese

2

15. Phosphate Residuals

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION**Saturation Values****Distilled Water 20°C**CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

NH₄ = 1,475

REMARKS

Compound	Eqv. Wt.	X	Mg/l.	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03				
NaCl	58.46				
			1,139		95,676
			63		4,475
			2,593		151,587

Ute #1-14C6

SW NE Sec. 14, T3S, R6W
2,115' FEL & 3,341' FSL

Altamont Field
Duchesne County, Utah

Elev. GL @ 5,878'

Elev. KB @ 5,893' (15' KB)

**Coastal Oil & Gas Corporation
Existing Wellbore Diagram**

5/20/98

JZ

Casing

13 3/8", 54.5#, K-55, ST&C, set @ 600'.
Cmt w/ 600 sx to surface.

9 5/8", 40#, S-95 & N-80, LT&C, set @ 7,825'.

Cmt w/ 850 sx.

Perf 4 sqz holes @ 5,300' - 5,303' & sqz 500 sx
behind 9 5/8" casing.

Liners

7", 26, 29, & 32#, N-80, LT&C, set @ 10,622'.

Liner hanger landed @ 7,333'.

Cmt w/ 750 sx.

Top of cmt @ 4,360' from CBL 10/28/97.

Tubing

NA

Original Completion Perforations

9,570' - 9,700'

8,786' - 9,260'

7,900' - 9,118'

8,695' - 9,245'

5,300' - 5,303' (4 sqz holes)

4,730' - 5,192'

Note: The following perfs are squeezed:

7,900' - 7,930' & 8,030' - 8,040' w/ 300 sx.

8,570' - 8,612' w/ 100 sx.

4,730' - 5,192' w/ 200 sx.

Injection Perforations

4,413' - 4,664', 392 holes (2.3 BPM @ 1,475 psig)

4,580' - 4,663', 196 holes (2.5 BPM @ 1,700 psig)

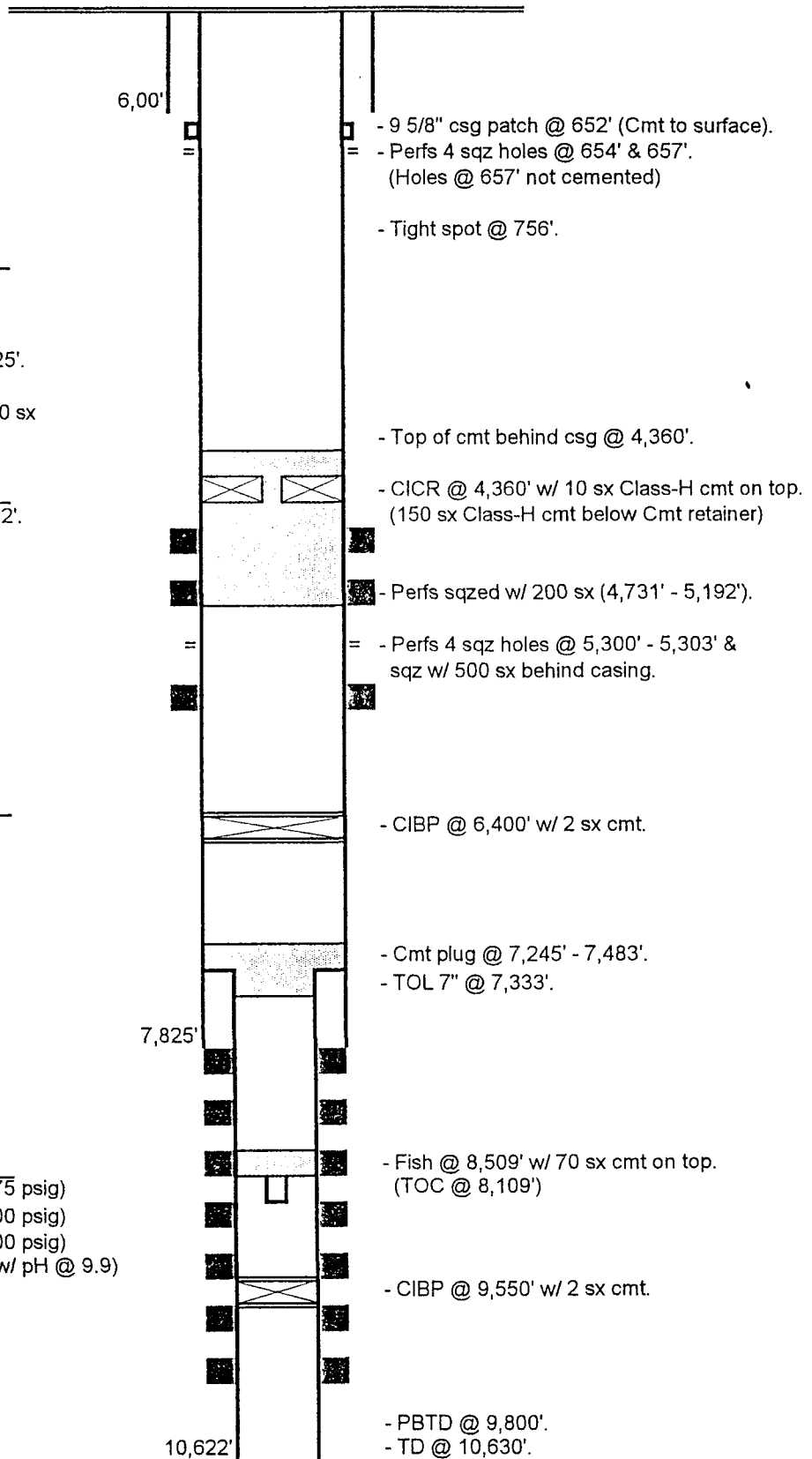
4,731' - 5,032', 400 holes (3.0 BPM @ 1,000 psig)

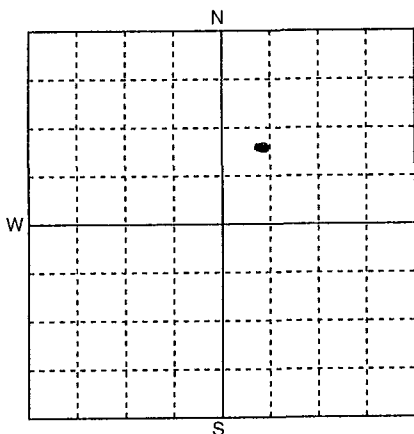
5,519' - 6,143', 656 holes (Well flowed wtr w/ pH @ 9.9)

Note: 4 perf holes open @ 657'.

(Inj 1.5 BPM @ 1,400 psig)

Note: All depths are KB measurement.



EPAUNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**WELL REWORK RECORD**NAME AND ADDRESS OF PERMITTEE
Coastal Oil & Gas Corporation
P.O. Box 1148
Vernal, Utah 84078NAME AND ADDRESS OF CONTRACTOR
Howlet Construction
3575 South 500 West
Vernal, Utah 84078LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRESSTATE
UTCOUNTY
DuchesnePERMIT NUMBER
UT-2816-04352

SURFACE LOCATION DESCRIPTION

1/4 OF SW 1/4 OF NE 1/4 SECTION 14 TOWNSHIP 3S RANGE 6W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 3341' ft. from (N/S) S Line of quarter section
and ft. from (E/W) E Line of quarter section

WELL ACTIVITY

- ☐ Brine Disposal
☒ Enhanced Recovery
☐ Hydrocarbon Storage

Lease Name

Ute #1-14C6

Total Depth Before Rework

10,630

Total Depth After Rework

10,630

Date Rework Commenced

11/5/97

Date Rework Completed

6/12/99

TYPE OF PERMIT

- ☒ Individual
☐ Area
 Number of Wells 1

Well Number

#1-14C6

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
						Please refer to the attached DHD f/csg & cmt, perf & frac.

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL

USE ADDITIONAL SHEETS IF NECESSARY

Please refer to the attached Chronological
History.

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

GR/CBL/CCL F/3900'-2200'

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

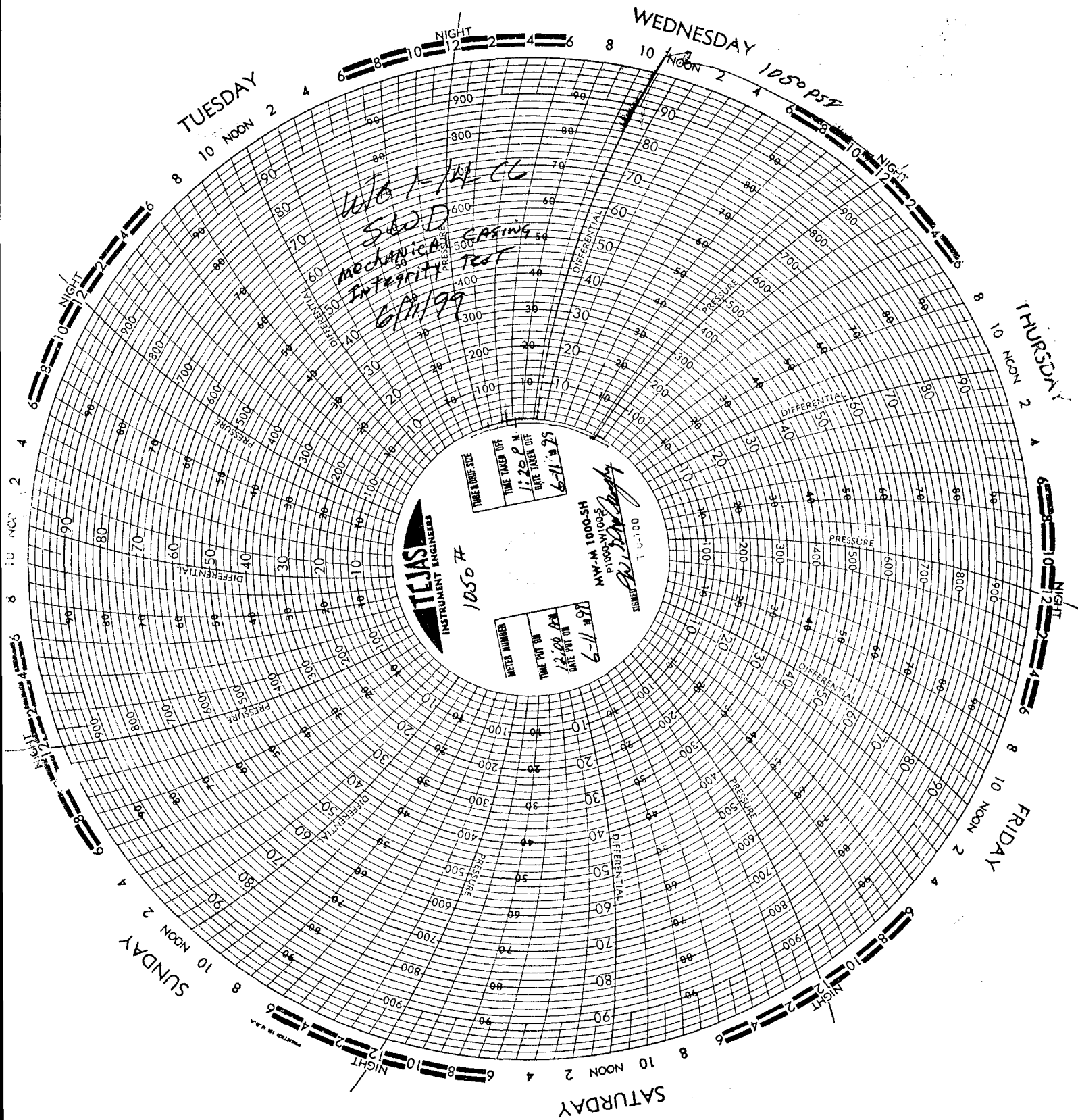
Ronny Routh

Senior Environmental Coordinator

SIGNATURE

DATE SIGNED

August 5, 1999



TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

SUNDAY

WJA 1-14 CG
S&D
mechanical Integrity Test
6/11/99

TEJAS
INSTRUMENT ENGINEERS

1050

MW-M 1000-HS
001-01

METER NUMBER
TIME TAKEN ON
DATE TAKEN ON

TIME TAKEN OFF
DATE TAKEN OFF

PRINTED IN U.S.A.

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>UTE 1-1456</u>	API Number: <u>43-013-90056</u>
Qtr/Qtr: <u>SW/NE</u> Section: <u>14</u>	Township: <u>3S</u> Range: <u>6W</u>
Company Name: <u>COASTAL OIL & GAS CORPORATION</u>	
Lease: State <u>Utah</u> Fed <u>Surface</u>	Indian <u>MINERAL</u>
Inspector: <u>James</u>	Date: <u>5-20-99</u>

Initial Conditions:

Tubing - Rate: _____ Pressure: 0 psiCasing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1500</u>	<u>1500</u>
5	<u>1500</u>	
10	<u>1500</u>	
15	<u>1500</u>	
20	<u>1500</u>	
25	<u>1500</u>	
30	<u>1500</u>	

Results Pass/Fail

Conditions After Test:

Tubing Pressure: 1500 psiCasing/Tubing Annulus Pressure: 1500 psi

COMMENTS TESTED FROM 770' TO 4260'. 32A AFTER
PACKER SET @ 770'. TESTED DOWN TUBING INTO CASING.

95°F Csg 40"
J. V. Jaraman
 Operator Representative

**THE COASTAL CORPORATION
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

UTE #1-14C6 SWD
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

Page 1

9/23/97 **AFE Convert to SWD.**
Through
11/15/97 MIRU, cut off well marker. Remove 2' cmt around line pipe. Pull line pipe. Rec 4' with plate on btm. RIH w/ 1 jt 2-7/8", no tag. Weld on 13 3/8" ext. well head flange. RIH w/ sandline & sinker bars. Tag @ 260'. PU BOP. PU 12-1/4" bit, six 4-3/4" DC. Tag cmt stinger, tag top of 9-5/8" cut off csg @ 651'. Circ clean. POOH. RIH w/ 8-1/2" Bit. Tag top of 9-5/8" csg @ 651'. Get into 9-5/8" csg easily. DO cmt from 655' to 671' in 1 hr. Circ Clean. POOH. RIH w/ 12-1/4" wash over shoe, 10-1/2" dress off mill. Tag top of stub @ 651'. Drill soft cmt 4'. Dress off csg stub 1'. POOH. RIH w/ 9-5/8" csg patch, w/ 9 5/8" grapple. Work over csg stub @ 652'. Try to set grapple broke, grapple could not set. ND BOP set slips. RU Cutters, RIH w/ 4" csg gun perf 4 holes @ 654'. RU HOWCO. Pump 300 sxs, 15.6# premium cmt. 12 bbls to surface. RD HOWCO. Cut off csg. NU BOP. Test BOP to 2000 psi. RIH w/ 8 1/2" bit. Tag @ 358'. Drlg cmt from 359' to 540'. Drlg cmt from 540' - 673'. PT csg patch to 800#. Broke back. Inj rate 1 BPM @ 500 psi. POOH. RU HOWCO. Spot 150 sx 15.6 premium cmt. POOH. Sq out 35 sxs, 116 sxs in csg. Top of cmt @ 330'. RIH w/ 8-1/2" rock bit, Tag @ 318'. Drlg to 528' in 9.5 hrs. Drlg cmt from 528' to 674' in 8.5 hrs, 17 FPH. Test csg patch & perf @ 654'. Test to 2000 psi 15 min. Drlg cmt from 674' - 727' in 3 hrs. Drlg cmt from 727' - 765', stringers to 830'. PT to 1200 psi, broke to 800 psi & getting inj rate of 1/2 BPM. RIH w/ 2-7/8" tbg. Circ out to 4289'. Stack out. Drlg from 4289' - 4297' in 2 hrs. Drlg on aluminum & junk? Drlg on junk from 4297' - 4299'. POOH w/ bit. RIH w/ new 8.5" bit. Tag @ 4299'. Drlg on cmt ret. Made 1' in 3.5 hrs. Getting Aluminum & cmt in returns. Lost 140 BW in hole. Drlg on junk from 4300' to 4405' (105') in last 11 hrs. Last hr made no hole. POOH w/ bit. RIH w/ 8.5 mill. Tag @ 4405'. Mill on junk to 4419'. Getting cmt & metal. Drilling on cmt to 4435'. Fell through. Hit stringers to 4475'. Tag @ 4885'. Circ out drlg mud. Drlg to 4995'. POOH w/ mill. RIH w/ 8.5" rock bit. Drlg on cmt from 4995' - 5100'. Drlg cmt from 5100' - 5265'. Circ clean. Get inj rate of 2 BPM to 3 BPM @ 700 psi. POOH w/ bit. RIH w/RBP and pkr, could not work thru tite spot @ 756'. POOH. RIH w/RBP and set @ 4628'. RIH w/pkr isolated hole in csg @ 646-660'. POOH w/pkr, RIH w/retr head. Latch on to RBP @ 4628'. Rlse RBP. POOH. RIH w/ pkr. Set @ 1000'. Test down tbg. No test. 2 BPM @ 1000#. Rlse pkr. Set @ 5006'. Test to 2000#. OK. Isolate leaks in perfs 4874' - 4890'. Inj 2 BPM @ 1000 psi. POOH w/ prk. RIH w/ RBP set @ 2025'. POOH. RU Cutters. Dump 4 sk sand. RIH w/ 2-7/8" tbg to 705'. Spot 150 sxs cmt. Sq 10 sxs out press to 2000'. TOC @ 310', SDFN.

10/17/97 RIH w/ 8 1/2" mill tooth bit, Tag cmt top @ 336', drlg cmt 336' to 684' (336' in 8 hrs, 42' per hr). Test csg to 2000 psig @ 500' OK, @ 620' OK, @ 649' OK, @ 684' bled from 2000 psig to 1300 psig in 15 min, zero rate @ 2000 psig. Test csg to 2000 psig overnight

10/18/97 Lost 1175 psig in 12.5 hrs, test csg to 2000 psig for 1 hr, lost 170 psig. Swab well, 40 runs from 416', wait 1 hr w/ no fluid enrt. POOH w/ 8 1/2" bit, RIH w/ 9 5/8" pkr, cannot get passed 652', set pkr @ 623', pressure tbg to 2000 psig, lost 700 psig in 30 min, pressure csg to 2000 psig, held for 30 min, POOH w/ pkr. RIH w/ 8 1/2" mill tooth bit, EOT @ 623', SDFN.

10/19/97 Tag cmt @ 684', drlg cmt from 684' to 715' & cmt stringers to 750', RIH & tag the 9 5/8" RBP @ 2016', rev circ csg w/ 150 bbls PW, POOH & LD bit. RIH w/ 9 5/8" pkr, set pkr @ 665' (11' below squeezed holes @ 654'), pressure tbg to 2000 psig, held for 15min, reset pkr @ 648', pressure tbg to 2000 psig, bled to 300 psig in 15 min, POOH & LD pkr. RIH w/ open ended tbg, EOT @ 662', MIRU Halliburton, pump 25 bbls FW dn tbg, pump 20 sx micro matrix cmt w/ 50% fluffed sand & displace w/ 3.2 bbls FW (pumped 3.75 bbls cmt into hole @ 654', 1/4 bpm @ 1800 psig, est cmt top @ 600'), SDFN.

10/20-97 WOC 48 hrs.

10/21/97 WOC 48 hrs.

10/22/97 SICP @ zero psig, csg is full, test csg to 2000 psig, no bleed in 15 min, RIH w/ 8 1/2" mill tooth bit, tag cmt @ 627', drlg cmt from 627' to 645' (18' soft, fell thru), RIH & stacked out @ 1930', 86' high (Sand should be @ 2016'), rev circ, returns look like cmt balls, test csg to 2000 psig, bled to 1000 psig in 15 min, wash dn w/ power swivel to sand top @ 2016', rev circ w/ 100 STBW, test csg to 2000 psig, bled to 225 psig in 15 min, Est. inj @ 1500 psig, broke to 1250 psig, inj 10 STBW @ 3/4 bpm @ 1250 psig, TOOH w/ 8 1/2" bit, RIH w/ 9 5/8" 32A pkr, set pkr & test intervals, 670' pmp dn tbg @ 2000 psig, 5 min @ 1100 psig, 682' pmp dn tbg @ 2000 psig, 5 min @ 1100 psig, 1968' pmp dn tbg @ 2000 psig, 5 min @ 900

psig, 2000' pmp dn tbq @ 2000 psig, 5 min @ 400 psig, TOO H & LD w/ 9 5/8" pkr, SWI, SDFN

10/23/97 RIH w/ 9 5/8" RBP retr. head, rev circ sand off RBP set @ 2025', TOO H w/ RBP, re-dress RBP on loc, RIH w/ 9 5/8" 40# RBP & 32A pkr, set RBP @ 744' & pkr @ 715', pmp dn tbq, test to 2000 psig, no bleed 15 min, bled tbq, test csg to 2000 psig, 15 min @ 400 psig, re-set Pkr @ 620', test csg @ 2000 psig, no bleed 15 min, bled csg, pmp dn tbq 1/2 bpm @ 1800 psig w/ 10 STBW, re-set pkr @ 715' w/ RBP @ 744', test tbq @ 2000 psig, no bleed 15 min, TOO H w/ pkr, MIRU Cutters WLS, dump 5 sx sand on RBP @ 744', est sand top @ 735', RIH w/ 2 7/8" tbq, land tbq @ 662', MIRU Dowell, pmp 50 sx Class-G cmt (10 bbls) dn tbq & displace w/ 3 STBW, TOO H w/ tbq, close BOP, pmp dn csg, stage cmt, sqzd @ 2000 psig w/ 3/4 bbl cmt in csg, est cmt top @ 501', SWI w/ 2000 psig on csg, RDMO Dowell, SDRN, will wait on cement until 7:00 AM 10/25/97.

10/24/97 SICP @ 100 psig, pressure csg to 2000 psig, SWI, WOC.

10/25/97 SICP @ 800 psig, test csg to 2000 psig, no bleed 15 min, RIH w/ 8 1/2" bit & tbq, tag cmt @ 569', drlg to 611', test csg to 2000 psig, no bleed 15 min, drlg cmt to 650', test csg, no test, inj 1.5 bpm @ 1300 psig w/ 20 STBW, call Denver, TOO H w/ tbq & bit, RIH w/ 9 5/8" pkr & set @ 590', swab two runs, IFL @ surface, FFL @ 590', rec 3.4 STBW, SDFN.

10/26/97 Swab well, no enrt, test csg, inj 1.5 bpm @ 1300 psig, TOO H w/ tbq & pkr, MIRU Cutters WLS, RIH w/ 4" perf gun, shoot 4 holes @ 657', RD Cutters, RIH w/ 9 5/8" pkr & tbq, set pkr @ 590', test csg, inj 1.5 bpm @ 1400 psig w/ 30 STBW, swab well down, SDFN.

10/27/97 MIRU Howco to sqz, change of orders, TOO H w/ pkr, RIH w/ 8 1/2" bit & tbq, CO cmt & sand to RBP @ 744', TOO H w/ tbq & bit, RIH w/ ret. Head & tbq, tag RBP @ 744', cieq dn & ret. RBP, TOO H w/ tbq & RBP, RIH w/ 8 1/2" bit & tbq tp 3200', SDFN.

10/28/97 RIH w/ 8 1/2" bit, CO to 5265', circ well clean, MIRU Cutters, RIH w/ CBL/GR/CCL, log F/ 5265' to surf, RD Cutters, SDFN.

10/29/97 WOO.

10/30/97 MIRU Cutters, perf 4731' - 5032', 4 spf, 120 deg, RIH w/ 9 5/8" pkr & set @ 4737', swab well, rec 136 STBW, SDFN.

10/31/97 Swab well, rec 437 STBW, inj 3 BPM @ 1000 psig w/ 25 STBW, SDFN.

11/3/97 TOO H w/ 9 5/8" pkr & tbq, RU Cutters Wireline, RIH w/ 9 5/8" WLS RBP, Set RBP @ 4698', RIH w/ 4 1/8" csg gun & perf 4583' - 4676', 4 spf, w/ 196 shots, RD Cutters, SDFN.

11/4/97 RIH w/ 9 5/8" pkr, set @ 4,511', swab well, no entry, inj 2.4 bpm @ 1700 psig, swab dack load, no fluid entry in 1 hr, SDFN.

11/5/97 Swab well, rec 4 STB @ 50% oil, RU Dowell & acidize 4583' - 4676' w/ 5000 gals 15% HCl, ATR @ 3800 psig, ATR @ 16 bpm, ISIP @ 1800 psig, flow 2 hrs, rec 53 STB, swab well, rec 36 STB w/ trace oil, swab dry, inj 2.3 bpm @ 1425 psig, pump 53 STBW, swab dry, rec 38 STB, SDFN.

11/6/97 swab well dry, rec 22 STB w/ trace oil, TOO H w/ tbq & pkr, RU Cutters Wireline, perf from 4413' - 4661' w/ 4 spf, 392 shots, RIH w/ 9 5/8" pkr & tbq, SDFN.

11/7/97 Set pkr @ 4357', swab well dry, rec 28 STBW, inj 2.3 bpm @ 1475 psig, MIRU Dowell, acidize perfs @ 4413' - 4664' w/ 5000 gals 15% Hcl & RS, ATP @ 6000 psig, ATR @ 21 bpm, ISIP @ 1346 psig, SDFN.

11/8/97 Flow well, rec 12 STB, swab well dry, rec 60 STB, TOO H w/ pkr @ 4357', RIH w/ 9 5/8" RBP ret head, tag fill @ 4886', circ sand & fill off RBP, TOO H w/ RBP, tools, & tbq, SDFN.

11/9/97 PU 8.5" bit & collars, RIH & tag cmt ret @ 5265', drlg on cmt ret, made 1 ft in 7 hrs, SDFN.

11/10/97 Drlg on cmt ret @ 5266' to 5315', cmt ret fell free, RIH to 6400', circ clean, SDFN.

11/11/97 RU Cutters Wireline, RIH w/ CBL/GR/CCL, log 6400' to 5100', RIH w/ wireline set 9 5/8" CIBP, set @ 6400', spot 2 sx cmt on RBP, RIH w/ 9 5/8" pkr & 2 7/8" tbq, set pkr @ 4700', spot 15 STB CaCl, inj into perfs 4731' - 5032' w/1/2 BPM @ 500 psig, displace to bottom perf, SDFN.

11/12/97 Swab well, fluid @ surf, FFL @ 1000', rec 7 STBW, inj 2 bpm @ 1000 psig, TOO H w/ pkr, RU Cutters, perf 5519' - 6143' w/ 4 spf, 4" gun, RIH w/ 9 5/8" pkr & 2 7/8" tbq, set pkr @ 5423', well flowing hard, had to kill tbq to get pkr in well, SDFN.

11/13/97 Flowing well @ 70 - 80 bph, zero psig, inj 2.5 bpm @ 1100 psig, kill well w/10# brine, TOO H w/ tbq & pkr, RU Cutters, RIH w/ 9 5/8" cmt ret., set @ 4360', SDFN.

11/14/97 RIH w/ 2 7/8" tbq, sting into CICR @ 4360', RU Halliburton, cmt w/ 160 sx Class-H cmt, left 10 sx cmt on top of CICR, TOO H w/ tbq, ND BOP, cut csg stub, NU blind flange, SDFN.

11/15/97 RDMO. CC: \$316,706

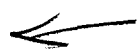
5/18/99 AFE swd. RU NU BOP. DC: \$1,617

5/19/99 AFE swd. MIRU Cutters. RIH tag PBTd @ 4295'. Shot 4 hole @ 3700', 4 holes @ 2550'. POOH, PU 9 5/8" cmt ret. RIH stacked out @ 2243'. Could not got dwn. POOH, PU 8 5/8" bit. RIH stack @ 2825'. RU pmp & line. Circ out tar @ 200 degree. Circ w/ 300 bbl. POOH w/ bit, PU 9 5/8" pkr. RIH w/ 80 jts 2 7/8" tbq. EOT @ 2538'. DC: \$8,349

- 5/20/99 **AFE swd.** 7 AM RIH SET PKR @ 2648'. Pmp dwn tbg couldn't circ thru perfs. Pmp in perf @ 3700' @ 4 bpm 1000# no returns. Pmp dwn csg into perf @ 2550'. Could not circ, inj rate 3/4 BPM @ 900#. 11 A.M. POOH call f/ RBP & Zylene. 1 P.M. RIH w/ RBP & pkr. Stock out on tar @ 150'. POOH LD plug & pkr. RIH 10 jts 300', circ out hot 250 degree, POOH. 3 P.M. PU plug & pkr. RIH w/ 82 jts 2 7/8" tbg. Set plug @ 2593'. POOH w/ 3 jts tbg set pkr @ 2502'. Spot zylene to top perf @ 2550' brk dwn perf w/ 500 gals zylene pmp rate 2 BPM @ 380#. ISITP 200#. SWI w/ 200# on tbg. DC: \$5,649
- 5/21/99 **AFE swd.** 7 A.M. 180# on tbg got inj rate 4 @ 800# well start to flow. Well flowed 1.5 hrs 45 bbl water & oil. 9:30 A.M. well dead get inj rate pmped 35 bbl @ 5.5 BPM @ 1200#. Well flowing back, well died. Rel pkr, RIH w/ 3 jts 2 7/8" tbg latch RBP, rel plug. 10:30 A.M. POOH w/ 83 jts 2 7/8" tbg, pkr and plug. 11:30 P.M. LD RBP, RIH w/ pkr set @ 3562' try to circ out thru perf @ 2550' in perf @ 3700' up tbg. Could not circ inj rate 4 BPM @ 650#. 1:30 P.M. POOH w/ 113 jts 2 7/8" tbg & pkr LD pkr & plug. 3:30 P.M. PU 9 5/8" cmt ret. RIH w/ 114 jts 2 7/8" tbg. Set cmt ret @ 3593'. RU Dowell & pmp 100 bbls fresh wtr ahead. 500 sx (G) 15.8# cmt thru ret pmp @ 3593'. Disp w/ 17 bbl fresh wtr left 3 bbl cmt on top ret. Well start to blow after pmping 10 bbls wtr on cmt job had to kill well to w/ 60 bbls wtr. POOH w/ 40 jts to 2335'. Rev out w/ 90 bbl cmt in returns. 8 P.M. Well died. DC: \$5,917
- 5/22/99 **AFE swd.** 130# on well bleed off well flowing 2 BPH. POOH LD stinger. PU 9 5/8" pkr. RIH w/ 72 jts, set pkr @ 2458'. Test pkr to 500# - ok. SDFN, WOC. DC: \$2,051
- 5/23/99 **AFE swd.** 40# on well. Bleed off get inj rate 4 bpm @ 650#. Call f/ cmt. 12 P.M. MIRU Dowell pmp 50 bbl fresh mix & pmp 300 sxs RFC @ 4 bpm dwn to 2 bpm. Mix & pmp 150 sxs (G) + 2%CLCA @ 1 bpm dwn to 1/2 bpm. Mix 150 sxs (G) on suck 1 bpm dwn to 1/2 bpm. Clear pkr cmt. Stop put 100# bleed off slow, rel pkr. POOH w/ 10 jts 2 7/8" tbg rev out w/ 20 bbl. Re-set pkr @ 2147' cmt @ 2400' SWI. SD WOC. DC: \$30,734
- 5/25/99 **AFE swd.** 0# On well rel pkr. POOH LD pkr. PU 8 5/8" bit X/O 6 - 4 3/4" DC. RIH w/ 70 jts 2 7/8" tbg. Tag cmt @ 2389'. RU swivel drlg cmt f/ 2389' - 2573'. Full out cmt, RIH to 2638'. CIRC out clean. POOH w/ 10 jts. SDFN. Drilling 184' of cmt in 5.5 hrs. DC: \$1,734
- 5/26/99 **AFE swd.** POOH w/ bit & DC. Standback DC, PU 9 5/8" pkr. RIH w/ 76 jts 2 7/8" tbg. Set pkr @ 2398', test squeeze hole @ 2550' to 1500# - held min ok. Test hole @ 600', no test inj rate 1bpm @ 1000#. Rel pkr, POOH w/ 76 jts 2 7/8" tbg. Tag cmt @ 3571'. RU drill equip. Drill cmt f/ 3571'. RU drill equip. Drill cmt f/ 3571' - 3598' made 27' in 1/2 hr. Drill on cmt ret @ 3598' - 3599.5' made 18" in 3.5 hrs. Circ out clean. SDFN. DC: \$4,422
- 5/27/99 **AFE swd.** Drill on cmt @ 3599.5' - 3610' made 10' in 12.5 hrs. Drill 1' of cmt ret & 9' of cmt. SDFN. DC: \$4,675
- 5/28/99 **AFE swd.** Drill cmt f/3,610' - 3,518'. Bit stopped drlg. POOH & pu new 8 5/8" bit. RIH. Drill cmt f/3,618' - 3,716'. Drill out cmt stinger down to 3,924'. Circ out. POOH. SDFN. CC: \$70,083
- 5/29/99 **AFE swd.** PU 9 5/8" pkr. RIH & set PKR @ 770'. Test csg to 1,500# f/30 min. - O.K. POOH. MIRU Cutters. Run GR/CBL/CCI f/3,900' - 2,200'. POOH. RD Cutters. RIH w/tbg to 3,700'. Displace hole w/TW. POOH. SDFWE. CC: \$74,834
- 6/2/99 **AFE swd.** WOO f/ State. CC: \$74,834
- 6/3/99 **AFE swd.** MIRU Cutters perf f/ 3373' - 3147'. RD Cutters. RU & swab rec 150 BW in 3/5 hrs. Get inj rate 4.5 BPM @ 500#. Pumped BBL. SDFN. Prep to perf phase - 2. CC: \$86,638
- 6/4/99 **AFE swd.** 300# on tbg. Bleed off RU & swab IFL, surf FFL 1500' rec 350 bbl wtr. Get inj test pump 120 bbl PW @ 4.5 BPM @ 400#. SDFN. CC: \$90,739

Ute #1-14C6 SWD

6/5/99 **AFE swd.** MIRU HOWC. Get inj test. Pump 260 bbl prod wtr. Start @ 1250 bpm, come
dwn to 1250# @ 7.5 bpm. RD HOWC. SDFWE.
CC: \$94,303

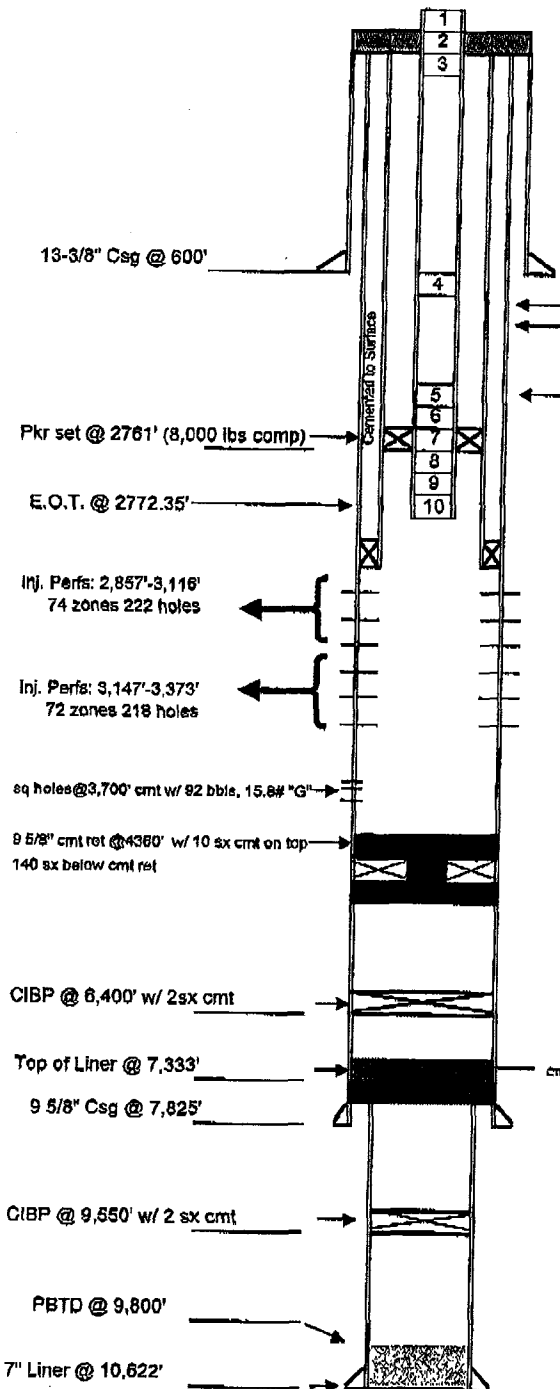
6/6/99 **AFE swd.** POOH w/ pkr. MIRU Cutters perf f/ 3116' - 2872' w/ 4" guns. Load w/ 3 JSPF, 120 deg phasing. IFL surf, FFL surf no change, no psi, RD Cutters. RIH w/ 9 5/8" pkr set @ 2808' RU & swab. IFL surf, FFL 1700', rec 132 bbl fluid in 22 runs. Swab 5.5 hrs. SDFN. 
CC: \$106,737

6/8/99 **AFE swd.** Swab IFL surf, FFL 1500'. Get inj test pmp 50 bbl @ 3.5 BPM @ 700#, ISITP 500#, 5 min 400#, 10 min 360#, 15 min 325#. Rel pkr, POOH. PU ret tool f/ 9 5/8" RBP. RIH latch plug, rel POOH. SDFN.
CC: \$110,843

6/9/99 **AFE swd.** MIRU csg crew. PU RIH w / 9 5/8" X 7" 440 csg pkr & stg. DV to 66 jts, 7" - 26# csg. Set pkr @ 2790', test backside to 500# - held. MIRU Dowell, cement w/ 165 sxs (78 bbls). Lead & 70 xxs (14 bbls) tail, bump plug w/ 1000#. 10 bbls cement returned. Flushed w/ 106 bbls fresh wtr. RDMO Dowell. Set slips, ND Bop, cut off csg. NU tbg head, NU BOP. SD WOC 24 hrs.
CC: \$177,871

6/10/99 **AFE swd.** Wait on cement.
CC: \$177,871

6/12/99 **AFE swd.** PU RIH w/ F nipple. XO 6' X 3 1/2" sub, 7" X 3 1/2" Arrowset 1-X injection pkr. X/O 2 7/8" on- off tool w/ 1.87" seal nipple on 88 jts. 2 7/8" J - 55 Duoline tbg. 4' sub and tbg hanger, Pmp 86 bbls pkr fluid, set pkr @ 2760'. EOT @ 2772'. Hook up chart press recorder, test csg an. To 1000# for 1 hr - held. ND BOP, NU WH, est inj rate 4 BPM @ 550#, RDMO.
\$38,447
DC:
CC: \$216,318

Wellbore DiagramDATE: 09/07/99
KB 5893' (15'KB)WELL: Ute #1-14C6
FIELD: AltamontCOUNTY: Duchesne
STATE: Utah
SEC: NW Sec. 14
TWS: T3S
RGE: R6W**CASING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
13 3/8"	54.5#	K-55	ST&C	SURF	600'
9 5/8"	40#	S-95, N-80	LT&C	SURF	7,825'
7"	26.2# & 32#	N-80	LT&C	7,333'	10,622'
7"	23#	N-80	LT&C	SURF	2,800'

Top of Cement @ 4,360' from CBL 10/28/97

9 5/8" csg patch @ 652'

Squeeze Holes @ 654' & 657' Not Cemented

Squeeze Holes @ 2,550' cmt w/ 300 sx RPC & 300 sks "G"

Equipment

Item No.

1	Wellhead: FMC 6" 5M Flanged
2	FMC Hanger 2 7/8" 8 th Stainless Steel
3	sub 2 7/8" 6.5 N-80 not int coated
4	88 jts 2 7/8" 6.5 N-80 8 th int. coated
5	2 7/8" On-Off tool w/ 1.87 Seal Nipple
6	X-O 2 7/8" 8 th x 3 1/2" 8 th
7	7" x 3 1/2" Arrowser 1 pkr. coated
8	Sub 2 1/2" N-80 8 th
9	X-O 3 1/2" 8 th x 2 3/8" 8 th
10	F-nipple 2 3/8" 8 th x 1.87"

PERFORATIONS:

Perfs: 4,413'-4,664' 392 holes (2.3 BPM @ 1,475 psig)
Perfs: 4,680'-4,683' 196 holes (2.5 BPM @ 1,700 psig)
Perfs: 4,731'-5,032' 400 holes (3.0 BPM @ 1,000 psig)
Perfs: 5,519'-6,143' 656 holes (Well flowed wtr w/ pH @ 9.9)

Original Completion Perforations

9,870'-9,700'
8,786'-9,260'
7,900'-9,118'
8,625'-9,245'
5,300'-5,303' (4 sqz holes)
4,730'-5,192'

Conductivity Values / Sept. 15 - 17, 1999

Coastal Oil & Gas

1-14C6 SWD Well

	Run #	umhos/cm	Temp. F
Back flow	1	10,000	64
	2	11,200	64
Swab Run	1	12,500	67
	4	113,000	67
	8	119,000	66
	12	111,000	66
	16	111,000	68
	20	110,000	66
	24	110,500	68
	25	110,000	70
	28	110,000	70
	32	120,000	70
	36	100,000	70
	40	100,000	70
	44	100,000	70
	50	100,000	70
	54	110,000	71
	58	110,000	71
	62	100,000	72

$$\frac{100,000 \mu\text{mhos}}{\text{m}/100} = \frac{100,000 \mu\text{mhos} \cdot 100}{\text{m}} = 10,000,000 \mu\text{mhos}/\text{m}$$

$$\frac{100,000 \mu\text{mhos}}{\text{m}/100} = \frac{10,000,000 \mu\text{mhos}}{\text{m}/100} = 10 \text{ mhos}/\text{meter}$$

$$10 \text{ mhos}/\text{meter} = 10,000 \text{ mhos}/\text{meter}$$

$$C = \frac{1000}{R}; R = \frac{1000}{10000} = .1 \Omega \text{ M}$$

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (435) 722-5066
Fax (435) 722-5727**WATER ANALYSIS REPORT**Company **COASTAL OIL AND GAS**

Address _____

Date **9-17-99**Source **SWAB #32**Date Sampled **9-17-99**

Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.5</u>		
2. H ₂ S (Qualitative)	<u>7.0</u>		
3. Specific Gravity	<u>1.204</u>		
4. Dissolved Solids		<u>325,762</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>31,200</u>	+ 30 <u>1,040</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>7,900</u>	+ 61 <u>130</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>141,600</u>	+ 35.5 <u>3,989</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>1,800</u>	+ 48 <u>38</u> SO ₄
10. Calcium (Ca)	Ca	<u>10</u>	+ 20 <u>1</u> Ca
11. Magnesium (Mg)	Mg	<u>6</u>	+ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>0.5</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	HCO ₃	1,170
1	Mg	SO ₄	38
5,195	Na	Cl	3,989

Compound	Eqvly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	1			81
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	1			73
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,068			89,712
Na ₂ SO ₄	71.03	38			2,699
NaCl	58.46	3,989			233,197

Saturation Values**Distilled Water 20°C**CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (435) 722-5066
Fax (435) 722-5727**WATER ANALYSIS REPORT**Company **COASTAL OIL AND GAS**

Address _____

Date **9-17-99**Source **SWAB # 36**Date Sampled **9-17-99**

Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>11.4</u>		
2. H ₂ S (Qualitative)	<u>6.0</u>		
3. Specific Gravity	<u>1.205</u>		
4. Dissolved Solids		<u>345,093</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>30,000</u>	+ 30 <u>1,000</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>12,200</u>	+ 61 <u>200</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>141,600</u>	+ 35.5 <u>3,989</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>1,800</u>	+ 48 <u>38</u> SO ₄
10. Calcium (Ca)	Ca	<u>15</u>	+ 20 <u>1</u> Ca
11. Magnesium (Mg)	Mg	<u>3</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>1.2</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	←	HCO ₃	1,200
0	Mg	→	SO ₄	38
5,326	Na	→	Cl	3,989

Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>1</u>			<u>81</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1,299</u>			<u>109,116</u>
Na ₂ SO ₄	71.03	<u>38</u>			<u>2,699</u>
NaCl	58.46	<u>3,989</u>			<u>233,197</u>

Saturation Values**Distilled Water 20°C**

CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (435) 722-5066
Fax (435) 722-5727**WATER ANALYSIS REPORT**Company **COASTAL OIL AND GAS**

Address _____

9-21-99

Date _____

Source **SWAB #40**Date Sampled **9-17-99**

Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	11.3		
2. H ₂ S (Qualitative)	1.0		
3. Specific Gravity	1.202		
4. Dissolved Solids		354,111	
5. Alkalinity (CaCO ₃)		27,600	+ 30 920
6. Bicarbonate (HCO ₃)		5,500	+ 61 90
7. Hydroxyl (OH)		0	+ 17 0
8. Chlorides (Cl)		162,800	+ 35.5 4,586
9. Sulfates (SO ₄)		800	+ 48 17
10. Calcium (Ca)		20	+ 20 1
11. Magnesium (Mg)		36	+ 12.2 3
12. Total Hardness (CaCO ₃)		200	
13. Total Iron (Fe)		1.1	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	HCO ₃	1,010
3	Mg	SO ₄	17
5,609	Na	Cl	4,586

Saturation Values**Distilled Water 20°C**

CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,080 Mg/l
MgCO ₃	103 Mg/l

Compound	Equlv. Wt.	X	Mg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	1			81
CaSO ₄	88.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	3			220
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,006			84,504
Na ₂ SO ₄	71.03	17			1,208
NaCl	58.46	4,586			260,098

REMARKS _____

PHYSICAL EXAMINATION (200)

TABLE 205:I. CONDUCTIVITY OF POTASSIUM
CHLORIDE SOLUTIONS AT 25°C.*

Concentration <i>N</i>	Equivalent Conductivity <i>mho/cm/equiv.</i>	Conductivity <i>μmhos/cm</i>
0	149.85	
0.0001	149.43	14.94†
0.0005	147.81	73.90
0.001	146.95	147.0
0.005	143.55	717.8
0.01	141.27	1 413
0.02	138.34	2 767
0.05	133.37	6 668
0.1	128.96	12 900
0.2	124.08	24 820
0.5	117.27	58 640
1	111.87	111 900

* Data drawn from Robinson & Stokes.¹† Computed from equation given in Lind et al.²

Standard Methods for the Examination of Water
+ Wastewater

16th Ed., p. 78.55-17
7/10/16

**COASTAL OIL & GAS CORPORATION**

P.O. BOX 120

ALTAMONT, UTAH 84001

PHONE # (435) 454-3394

FAX # (435) 454-3970

Date: 9/21/99**FACSIMILE TRANSMITTAL PAGE**This transmission consists of 6 pages (including cover)TO: Chris KarrisFROM: Mike AngusInstructions: _____

If you have any trouble receiving the above specified pages, please call sender, (435) 454-3394.

69,000 for 100 shares

Conductivity Values / Sept. 15 - 17 , 1999

Coastal Oil & Gas

1-14C6 SWD Well

	Run #	umhos/cm	Temp. F
Back flow	1	10,000	64
	2	11,200	64
Swab Run	1	12,500	67
	4	113,000	67
	8	119,000	66
	12	111,000	66
	16	111,000	68
	20	110,000	66
	24	110,500	68
	25	110,000	70
	28	110,000	70
	32	120,000	70
	36	100,000	70
	40	100,000	70
	44	100,000	70
	50	100,000	70
	54	110,000	71
	58	110,000	71
	62	100,000	72

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-17-99
Source SWAB #32 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.5</u>		
2. H ₂ S (Qualitative)	<u>7.0</u>		
3. Specific Gravity	<u>1.204</u>		
4. Dissolved Solids		<u>325,762</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>31,200</u>	÷ 30 <u>1,040</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>7,900</u>	÷ 61 <u>130</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>141,600</u>	÷ 35.5 <u>3,989</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>1,800</u>	÷ 48 <u>38</u> SO ₄
10. Calcium (Ca)	Ca	<u>10</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)	Mg	<u>6</u>	÷ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>0.5</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>1</u>			<u>81</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>1</u>			<u>73</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1,068</u>			<u>89,712</u>
Na ₂ SO ₄	71.03	<u>38</u>			<u>2,699</u>
NaCl	58.46	<u>3,989</u>			<u>233,197</u>

Saturation Values

Distilled Water 20°C

CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-17-99
Source SWAB # 36 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.4</u>		
2. H ₂ S (Qualitative)	<u>6.0</u>		
3. Specific Gravity	<u>1.205</u>		
4. Dissolved Solids		<u>345,093</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>30,000</u>	÷ 30 <u>1,000</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>12,200</u>	÷ 61 <u>200</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>141,600</u>	÷ 35.5 <u>3,989</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>1,800</u>	÷ 48 <u>38</u> SO ₄
10. Calcium (Ca)		Ca <u>15</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)		Mg <u>3</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>1.2</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	←	HCO ₃	1,200
0	Mg	→	SO ₄	38
5,326	Na	→	Cl	3,989

Saturation Values

CaCO₃

CaSO₄ · 2H₂O

MgCO₃

Distilled Water 20°C

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	1			81
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,299			109,116
Na ₂ SO ₄	71.03	38			2,699
NaCl	58.46	3,989			233,197

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-21-99
Source SWAB #40 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.3</u>		
2. H ₂ S (Qualitative)	<u>1.0</u>		
3. Specific Gravity	<u>1.202</u>		
4. Dissolved Solids		<u>354,111</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>27,600</u>	÷ 30 <u>920</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>5,500</u>	÷ 61 <u>90</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>162,800</u>	÷ 35.5 <u>4,586</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>800</u>	÷ 48 <u>17</u> SO ₄
10. Calcium (Ca)	Ca	<u>20</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)	Mg	<u>36</u>	÷ 12.2 <u>3</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>1.1</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
1	Ca(HCO ₃) ₂	81.04	1			81
3	CaSO ₄	68.07				
	CaCl ₂	55.50				
5,609	Mg(HCO ₃) ₂	73.17	3			220
	MgSO ₄	60.19				
	MgCl ₂	47.62				
	NaHCO ₃	84.00	1,006			84,504
	Na ₂ SO ₄	71.03	17			1,208
	NaCl	58.46	4,586			260,098

Saturation Values

Distilled Water 20°C

CaCO₃

13 Mg/l

CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

REMARKS _____

PHYSICAL EXAMINATION (200)

TABLE 205:I. CONDUCTIVITY OF POTASSIUM
CHLORIDE SOLUTIONS AT 25°C.*

Concentration <i>N</i>	Equivalent Conductivity <i>mho/cm/equiv.</i>	Conductivity <i>μmhos/cm</i>
0	149.85	
0.0001	149.43	14.94†
0.0005	147.81	73.90
0.001	146.95	147.0
0.005	143.55	717.8
0.01	141.27	1 413
0.02	138.34	2 767
0.05	133.37	6 668
0.1	128.96	12 900
0.2	124.08	24 820
0.5	117.27	58 640
1	111.87	111 900

* Data drawn from Robinson & Stokes.¹

† Computed from equation given in Lind et al.²

Standard Methods for the Examination of Water
+ Wastewater

16th Ed., p. 78.

P.O. Box 120
ALTAMONT, UT 84001
(801) 454-3394
FAX: (801) 454-3970

October 28, 1999

Chris Kierst
Department of Natural Resources
Division of Oil Gas & Mining
PO Box 145801
SLC, UT 84114-5801

Dear Mr. Kierst:

On June 23, 1998 Coastal Oil & Gas submitted a request for permit modification on the Ute No.1-14C6, to allow SWD into the Lower Uinta Formation (gross perforations 2360' to 3500'). Two intervals were perforated (1)2857' to 3116' (gross), and 3132' to 3373' (gross).

The upper increment was shot from 2,857 - 3,116' 74 intervals, 222 holes. The lower increment was shot from 3,132' - 3,373', 72 intervals, 216 holes.

Listed below are the measured cased hole depths of perfs:

3063, 3065, 3067, 3068, 3069, 3070, 3071, 3072, 3073, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 3116, 3114, 3112, 3110, 3103, 3102, 3091, 3089, 3087, 3075, 3057, 3056, 3055, 3051, 3049, 3047, 3045, 3039, 3037, 3023, 3021, 3019, 3010, 3002, 3001, 2993, 2991, 2989, 2976, 2975, 2953, 2951, 2943, 2932, 2930, 2928, 2925, 2914, 2909, 2876, 2882, 2884, 2886, 2888, 2890, 2892, 2894, 2896, 2898, 2900, 2875, 2870, 2869, 2864, 2861, 2859, 2857.

3239, 3237, 3230, 3229, 3201, 3199, 3197, 3195, 3172, 3170, 3168, 3167, 3144, 3143, 3138, 3136, 3134, 3132, 3373, 3371, 3369, 3367, 3358, 3356, 3351, 3342, 3340, 3338, 3321, 3320, 3308, 3307, 3282, 3276, 3274, 3272, 3245, 3243, 3241, 3327-32, 3314-17, 3208-13, 3247-63.

*Verify these perfs
as the correct
perfs -
Mike Angus will
FAX verification
statement*



COASTAL OIL & GAS CORPORATION

P.O. BOX 120

ALTAMONT, UTAH 84001

PHONE # (435) 454-3394

FAX # (435) 454-3970

Date: 10/28/99

FACSIMILE TRANSMITTAL PAGE

This transmission consists of 2 pages (including cover)

TO: Chris Kierst

FROM: Mike Angus

Instructions:

If you have any trouble receiving the above specified pages, please call sender, (435) 454-3394.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-224

Operator: Coastal Oil & Gas Corporation

Wells: Ute #1-14C6

Location: Section 14, Township 3 South, Range 6 West,
Duchesne County, Utah

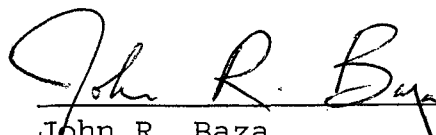
API No.: 43-013-30056

Well Type: Disposal

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 11, 1998
2. Maximum Allowable Injection Pressure: 1,085 psig
3. Maximum Allowable Injection Rate: limited by pressure
4. Injection Interval: 2,857 feet to 3,373 feet over all
(Uinta Formation)

Approved by:


John R. Baza
Associate Director, Oil and Gas

10/29/99
Date



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-224

Operator: Coastal Oil & Gas Corporation

Wells: Ute #1-14C6

Location: Section 14, Township 3 South, Range 6 West,
Duchesne County, Utah

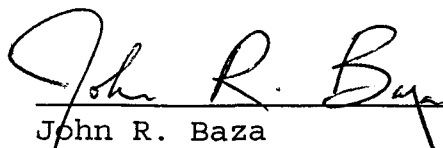
API No.: 43-013-30056

Well Type: Disposal

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 11, 1998
2. Maximum Allowable Injection Pressure: 1,085 psig
3. Maximum Allowable Injection Rate: limited by pressure
4. Injection Interval: 2,857 feet to 3,373 feet over all
(Uinta Formation)

Approved by:


John R. Baza
Associate Director, Oil and Gas

10/29/99
Date



Coastal
The Energy People

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION

Ronny M. Routh

Senior Environmental Coordinator
Environmental & Safety Affairs
Department

1368 South, 1200 East
Vernal, UT 84078
435/789-4433
FAX 435/789-4436



November 2, 1999

Dan Jarvis
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801

RE: Ute 1-14C6 SWD Well

Dear Dan Jarvis,

In response to your request we have enclosed the Ute 1-14-C6 well servicing reports for well activity that has occurred on this well since June 12, 1999.

We request permission to implement a radioactive source survey.

Yours truly,

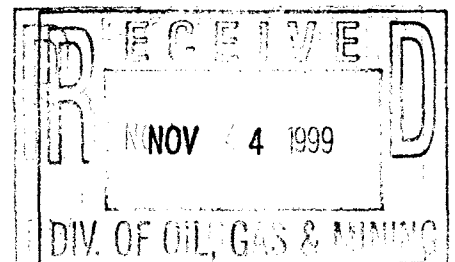
Ronald M. Routh, REM, CEA
Senior Environmental Coordinator
Coastal Oil and Gas Corporation

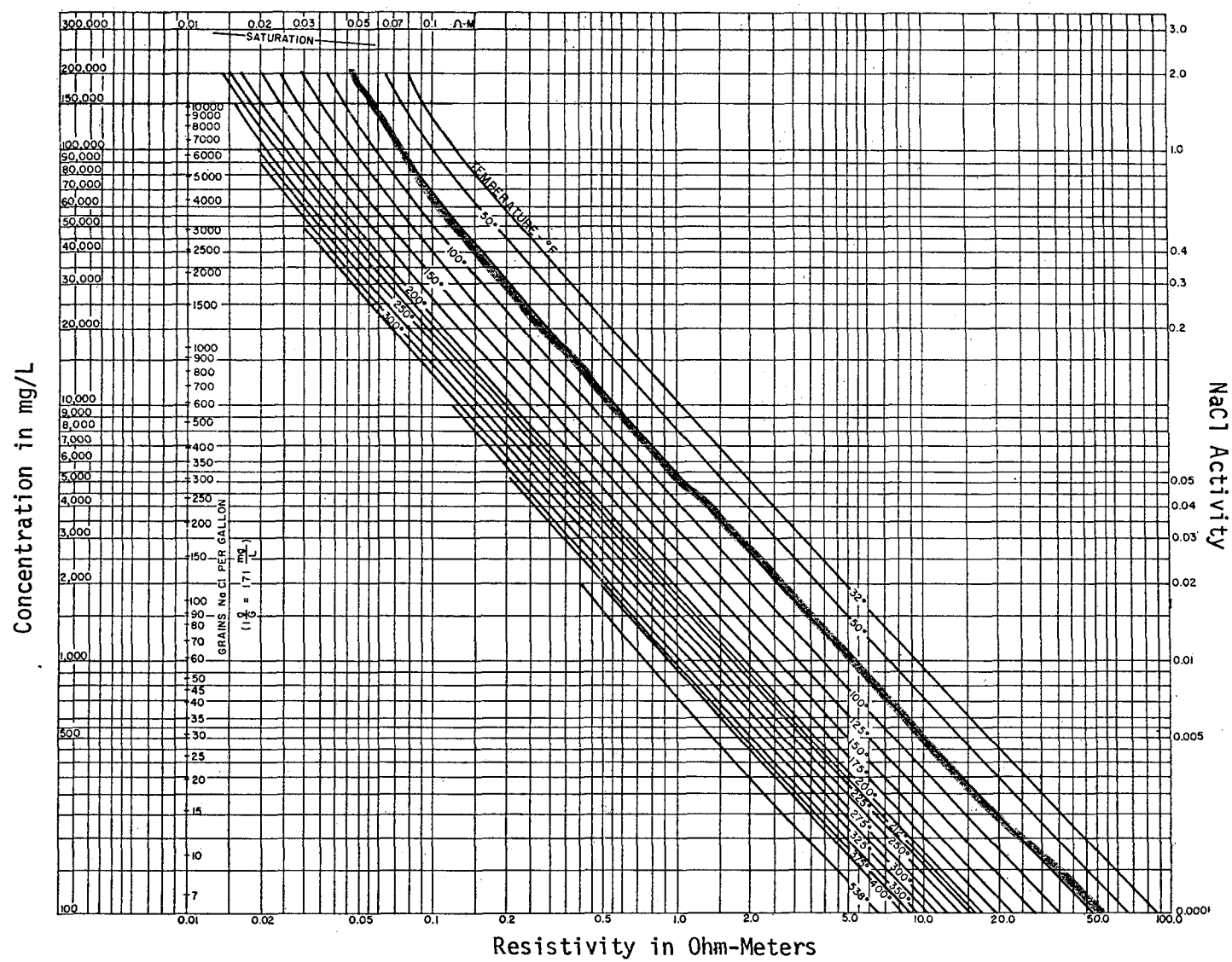
Enclosures (6)

cc: Sam Prutch
Bill McGaughey
Mike Angus

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1176 S 1500 E • PO BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436





Resistivity As A Function of Salinity and Temperature For NaCl Solutions.

(Ref: API RP 45)

KEY ENERGY SERVICES

SWAB REPORT

[illegible]

KLY ENERGY SERVICES

SWAB REPORT

DATE 9-16-99	TANK SIZE 500 BBL'S	BBL PER IN.	SEAT NIPPLE 2761
-----------------	------------------------	-------------	---------------------

COMPANY <i>Coastal</i>	LEASE <i>UTE</i>	WELL NO. <i>1-1456</i>
---------------------------	---------------------	---------------------------

[illegible]

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-21-99
Source SWAB #40 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.3</u>		
2. H ₂ S (Qualitative)	<u>1.0</u>		
3. Specific Gravity	<u>1.202</u>		
4. Dissolved Solids		<u>354,111</u>	
5. Alkalinity (CaCO ₃)		<u>27,600</u>	<u>920</u>
6. Bicarbonate (HCO ₃)		<u>5,500</u>	<u>90</u>
7. Hydroxyl (OH)		<u>0</u>	<u>0</u>
8. Chlorides (Cl)		<u>162,800</u>	<u>4,586</u>
9. Sulfates (SO ₄)		<u>800</u>	<u>17</u>
10. Calcium (Ca)		<u>20</u>	<u>1</u>
11. Magnesium (Mg)		<u>36</u>	<u>3</u>
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>1.1</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	HCO ₃	1,010
3	Mg	SO ₄	17
5,609	Na	Cl	4,586

Saturation Values

CaCO₃

CaSO₄ · 2H₂O

MgCO₃

Distilled Water 20°C

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	1			81
CaSO ₄	68.07				
CaCl ₂	55.50	3			220
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,006			84,504
Na ₂ SO ₄	71.03	17			1,208
NaCl	58.46	4,586			260,098

REMARKS _____

UNICHEM

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P.O. Box 217
Roosevelt, Utah 84066

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WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-17-99
Source SWAB #32 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.5</u>		
2. H ₂ S (Qualitative)	<u>7.0</u>		
3. Specific Gravity	<u>1.204</u>		
4. Dissolved Solids		<u>325,762</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>31,200</u>	÷ 30 <u>1,040</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>7,900</u>	÷ 61 <u>130</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>141,600</u>	÷ 35.5 <u>3,989</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>1,800</u>	÷ 48 <u>38</u> SO ₄
10. Calcium (Ca)	Ca	<u>10</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)	Mg	<u>6</u>	÷ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>0.5</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>1</u>			<u>81</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>1</u>			<u>73</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1,068</u>			<u>89,712</u>
Na ₂ SO ₄	71.03	<u>38</u>			<u>2,699</u>
NaCl	58.46	<u>3,989</u>			<u>233,197</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-17-99
Source SWAB # 36 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.4</u>		
2. H ₂ S (Qualitative)	<u>6.0</u>		
3. Specific Gravity	<u>1.205</u>		
4. Dissolved Solids		<u>345,093</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>30,000</u>	÷ 30 <u>1,000</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>12,200</u>	÷ 61 <u>200</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>141,600</u>	÷ 35.5 <u>3,989</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>1,800</u>	÷ 48 <u>38</u> SO ₄
10. Calcium (Ca)	Ca	<u>15</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)	Mg	<u>3</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>1.2</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>1</u>			<u>81</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1,299</u>			<u>109,116</u>
Na ₂ SO ₄	71.03	<u>38</u>			<u>2,699</u>
NaCl	58.46	<u>3,989</u>			<u>233,197</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

1	Ca	←	HCO ₃	1,200
0	Mg	→	SO ₄	38
5,326	Na	→	Cl	3,989

REMARKS _____

Conductivity Values / Sept. 15 - 17 , 1999

Coastal Oil & Gas

1-14C6 SWD Well

	Run #	umhos/cm	Temp. F
Back flow	1	10,000	64
	2	11,200	64
Swab Run	1	12,500	67
	4	113,000	67
	8	119,000	66
	12	111,000	66
	16	111,000	68
	20	110,000	66
	24	110,500	68
	25	110,000	70
	28	110,000	70
	32	120,000	70
	36	100,000	70
	40	100,000	70
	44	100,000	70
	50	100,000	70
	54	110,000	71
	58	110,000	71
	62	100,000	72

UNICHEM

A Division of BJ Services

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Roosevelt, Utah 84066

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Fax (435) 722-5727

WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-17-99
Source SWAB #32 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.5</u>		
2. H ₂ S (Qualitative)	<u>7.0</u>		
3. Specific Gravity	<u>1.204</u>		
4. Dissolved Solids		<u>325,762</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>31,200</u>	÷ 30 <u>1,040</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>7,900</u>	÷ 61 <u>130</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>141,600</u>	÷ 35.5 <u>3,989</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>1,800</u>	÷ 48 <u>38</u> SO ₄
10. Calcium (Ca)		Ca <u>10</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)		Mg <u>6</u>	÷ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>0.5</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	1			81
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	1			73
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,068			89,712
Na ₂ SO ₄	71.03	38			2,699
NaCl	58.46	3,989			233,197

1

1

5,195

Ca

Mg

Na

HCO₃

SO₄

Cl

1,170

38

3,989

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

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WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-17-99
Source SWAB # 36 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.4</u>		
2. H ₂ S (Qualitative)	<u>6.0</u>		
3. Specific Gravity	<u>1.205</u>		
4. Dissolved Solids		<u>345,093</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>30,000</u>	÷ 30 <u>1,000</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>12,200</u>	÷ 61 <u>200</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>141,600</u>	÷ 35.5 <u>3,989</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>1,800</u>	÷ 48 <u>38</u> SO ₄
10. Calcium (Ca)		Ca <u>15</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)		Mg <u>3</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>1.2</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>1</u>			<u>81</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1,299</u>			<u>109,116</u>
Na ₂ SO ₄	71.03	<u>38</u>			<u>2,699</u>
NaCl	58.46	<u>3,989</u>			<u>233,197</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

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WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 9-21-99
Source SWAB #40 Date Sampled 9-17-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>11.3</u>		
2. H ₂ S (Qualitative)	<u>1.0</u>		
3. Specific Gravity	<u>1.202</u>		
4. Dissolved Solids		<u>354,111</u>	
5. Alkalinity (CaCO ₃)		<u>27,600</u>	<u>920</u>
6. Bicarbonate (HCO ₃)		<u>5,500</u>	<u>90</u>
7. Hydroxyl (OH)		<u>0</u>	<u>0</u>
8. Chlorides (Cl)		<u>162,800</u>	<u>4,586</u>
9. Sulfates (SO ₄)		<u>800</u>	<u>17</u>
10. Calcium (Ca)		<u>20</u>	<u>1</u>
11. Magnesium (Mg)		<u>36</u>	<u>3</u>
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>1.1</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	1			81
CaSO ₄	68.07				
CaCl ₂	55.50	3			220
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	1,006			84,504
Na ₂ SO ₄	71.03	17			1,208
NaCl	58.46	4,586			260,098

1

3

5,609

Ca

Mg

Na

HCO₃

SO₄

Cl

1,010

17

4,586

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

PHYSICAL EXAMINATION (200)

TABLE 205:I. CONDUCTIVITY OF POTASSIUM
CHLORIDE SOLUTIONS AT 25°C.*

Concentration <i>N</i>	Equivalent Conductivity <i>mho/cm/equiv.</i>	Conductivity <i>μmhos/cm</i>
0	149.85	
0.0001	149.43	14.94†
0.0005	147.81	73.90
0.001	146.95	147.0
0.005	143.55	717.8
0.01	141.27	1 413
0.02	138.34	2 767
0.05	133.37	6 668
0.1	128.96	12 900
0.2	124.08	24 820
0.5	117.27	58 640
1	111.87	111 900

* Data drawn from Robinson & Stokes.¹

† Computed from equation given in Lind et al.²

Standard Methods for the Examination of Water
+ Wastewater

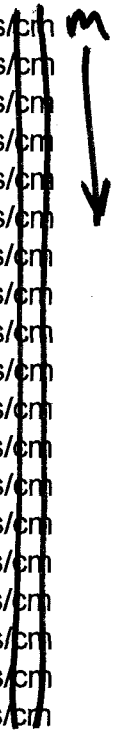
16th Ed., p. 78.

Coastal Oil and Gas

9/17/99

CONDUCTIVITY MEASUREMENTS

#1	10,000 umhos/cm	64 degrees F
# 2	11,200 umhos/cm	64 degrees F
1st Swab	12,500 umhos/cm	67 degrees F
4th Swab	113,000 umhos/cm	67 degrees F
8th Swab	119,000 umhos/cm	66 degrees F
12th Swab	111,000 umhos/cm	66 degrees F
16th Swab	111,000 umhos/cm	68 degrees F
20th Swab	110,000 umhos/cm	66 degrees F
24th Swab	110,500 umhos/cm	68 degrees F
25th Swab	110,000 umhos/cm	70 degrees F
28th Swab	110,000 umhos/cm	70 degrees F
32nd Swab	120,000 umhos/cm	70 degrees F
36th Swab	100,000 umhos/cm	70 degrees F
40th Swab	100,000 umhos/cm	70 degrees F
44th Swab	100,000 umhos/cm	70 degrees F
50 24th Swab	110,000 umhos/cm	70 degrees F
54 28th Swab	110,000 umhos/cm	71 degrees F
58 32nd Swab	110,000 umhos/cm	71 degrees F
62 36th Swab	100,000 umhos/cm	72 degrees F



COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/12/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

GO TO THE JENKINS 3-16A3, PULL TANK MANWAYS, DIG HOLES FOR CLEAN-OUT, DISCONNECT PIPING, AND WALKWAYS.

ELEC. BILLING FROM JUNE TO INSTALL ELEC SERVICE.
JUNE 14 TO JUNE 29

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$3,177.01	\$3,177.01
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$3,177.01	\$3,177.01
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,727.50	\$1,727.50
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		
WELDING SERVICES		
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES		
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,727.50	\$1,727.50
TOTAL COMPANY COST	\$4,904.51	\$4,904.51

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/13/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

GO TO 3-16A3, SHOVEL OUT, AND WASH 3-480 BBLs TANKS.
HAUL JUNK TO DISPOSAL.
USE TARGET, AND DALBO TRUCKS TO WASH, AND SUCK.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$3,177.01
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$3,177.01
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,000.00	\$2,727.50
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT	\$952.00	\$952.00
WELDING SERVICES		
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES		
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,952.00	\$3,679.50
TOTAL COMPANY COST	\$1,952.00	\$6,856.51

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/14/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

GATHER MATERIALS @ LUMBER YARD, AND COASTAL YARD, TAKE TO 1-14C6.
FORM UP FOR TRIPLEX PAD, DELIVER 20 YDS ROAD BASE.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$3,177.01
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$3,177.01
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,257.76	\$3,985.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$952.00
WELDING SERVICES		
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES		
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,257.76	\$4,937.26
TOTAL COMPANY COST	\$1,257.76	\$8,114.27

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/15/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

BUILD PAD FOR TANKS, SET AND FILL 2 GRADE BANDS, DIG HOLES FOR ELEC PANEL RACK, BACKFILL TRIPLEX FORMS.

ELEC. GO TO COASTAL YARD LOAD PANEL RACK, WELD ON LEGS
CHECK MTR, AND TRIPLEX @ CENTRAL HYD, GO TO 2-12B4 DISCONNECT
CONTROLLER FOR J-165. PREP OTHER EQUIPMENT, AND HAUL TO LOCATION

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$3,177.01
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$3,177.01
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,740.00	\$5,725.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$952.00
WELDING SERVICES		
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES		
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,740.00	\$6,677.26
TOTAL COMPANY COST	\$1,740.00	\$9,854.27

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME:	LEASE NAME:	COUNTY:	STATE:	DATE:
E&P Denver	1-14C6 SWD	DUCHESNE	UTAH	07/16/99
FIELD:		PRODUCTION FOREMAN:	AFE NO.:	% CONSTRUCTION COMPLETED:
ALTAMONT/BLUEBELL		BRAD JENSEN	28537	
CONSTRUCTION START DATE:		REPORT TAKEN BY:		
7/12/99		BRAD JENSEN		

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

POUR CEMENT FOR TRIPLEX PAD, AND ELEC PANEL RACK.
SET 3rd TANK GRADE RING, DUG TRENCH FOR ELEC.

ELEC. SET, AND CEMENT PANEL RACK.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$3,177.01
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$3,177.01
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$682.00	\$6,407.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$952.00
WELDING SERVICES		
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES		
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$682.00	\$7,359.26
TOTAL COMPANY COST	\$682.00	\$10,536.27

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME:	LEASE NAME:	COUNTY:	STATE:	DATE:
E&P Denver	1-14C6 SWD	DUCHESNE	UTAH	07/19/99
FIELD:	PRODUCTION FOREMAN:	AFE NO.:	% CONSTRUCTION COMPLETED:	
ALTAMONT/BLUEBELL	BRAD JENSEN	28537		
CONSTRUCTION START DATE:	REPORT TAKEN BY:			
7/12/99	BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

GO TO 3-16A3 FINISH UNHOOKING TANKS, LOAD ON TRUCKS, & HAUL TO THE 1-14C6. SET TANKS ONTO GRADE RING, SET J-165 TRIPLEX ONTO PAD. SET WALKWAY, AND STAIRS.

ELEC. INSTALL CONDUIT FROM MAIN SERVICE TO PANEL, START TO INSTALL PANEL RACK EQUIP.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$824.86	\$4,001.87
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$824.86	\$4,001.87
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,140.50	\$7,547.76
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT	\$2,404.00	\$3,356.00
WELDING SERVICES		
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES CRANE	\$1,200.00	\$1,200.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$4,744.50	\$12,103.76
TOTAL COMPANY COST	\$5,569.36	\$16,105.63

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/20/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

FINISH BOLTING UP THE WALKWAY, AND STAIRS.
 PICKUP PIPE @ COASTAL YARD.
 WORK ON TANK VENT LINES.
 START WELDING ON SUCTION PIPING.
 ELEC. HANG OFF TRIPLEX CONTROLLER, WORK ON PANEL RACK.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$691.17	\$4,693.04
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$691.17	\$4,693.04
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,239.50	\$8,787.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$320.00	\$320.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$465.00	\$1,665.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$2,024.50	\$14,128.26
TOTAL COMPANY COST	\$2,715.67	\$18,821.30

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/21/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

PICK-UP PARTS, WORK ON TRIPLEX PIPING, & TANK HOOK-UP'S

ELEC. TEST FOR RADIO RECEPTION

SYSKOM. TEST FOR RADIO RECEPTION.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$4,693.04
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$4,693.04
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$775.00	\$9,562.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$400.00	\$720.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$190.00	\$1,855.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,365.00	\$15,493.26
TOTAL COMPANY COST	\$1,365.00	\$20,186.30

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/22/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

BOLT UP VENT, & EQUALIZER LINES
DUG TRENCH FROM TRIPLEX TO WELL HEAD.
REROUT INCOMING WATER LINES.
WORK ON 8" TRIPLEX SUCTION.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$4,693.04
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$4,693.04
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$597.00	\$10,159.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$400.00	\$1,120.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$260.00	\$2,115.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,257.00	\$16,750.26
TOTAL COMPANY COST	\$1,257.00	\$21,443.30

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/23/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN		AFE NO.: 28537	% CONSTRUCTION COMPLETED:
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

TIED IN SUCTION TO TRIPLEX FROM TANKS NO.1, & NO.2
 WORK ON TANK PIPING
 WENT TO COASTAL YARD PICK UP 800' - 2" 500' - 3" PLASTIC PIPE DELIVERED
 TO LOCATION.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$4,693.04
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$4,693.04
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$848.00	\$11,007.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$800.00	\$1,920.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$295.00	\$2,410.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,943.00	\$18,693.26
TOTAL COMPANY COST	\$1,943.00	\$23,386.30

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/26/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME: _____

ACTIVITY LAST 24 HOURS: DIG TRENCHES FOR INCOMING WATER LINES, WELD TOGETHER BOTH POLY LINES, INSTALL, AND BURY.
 WORK ON 8" EQUALIZER LINES. BOLT DOWN TRIPLEX.
 ELEC. WENT TO HUNT 1-21B4 REMOVED ALARM SYSTEM FOR 1-14C6.
 MEASURED, AND ORDERED CONDUIT.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$4,693.04
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$4,693.04
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$733.50	\$11,740.76
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$400.00	\$2,320.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$590.00	\$3,000.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,723.50	\$20,416.76
TOTAL COMPANY COST	\$1,723.50	\$25,109.80

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/27/99
FIELD: ALTAMONT/BLUEBELL		PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:
CONSTRUCTION START DATE: 7/12/99		REPORT TAKEN BY: BRAD JENSEN		

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

WELD UP TRIPLEX DISCHARGE LINE, PUT IN TRENCH, AND BACKFILL.
WELD POLY PIPE TO TANKS, BUILT HEADER, AND TIED TO BUNDLE.
INSTALL 6" OVERFLOW INSIDE TANK NO. 3
WORK ON 8" EQUILIZER, FINISH 2nd TRIPLEX SUCTION.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$4,693.04
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$4,693.04
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$662.00	\$12,402.76
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$700.00	\$3,020.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$409.50	\$3,409.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,771.50	\$22,188.26
TOTAL COMPANY COST	\$1,771.50	\$26,881.30

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/26/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

PICK UP PARTS @ REDMAN, & TRI-W.
 FINISH WELDING 8" OVERFLOW LINES, & WELDED INTO TANKS.
 INSTALL SUCTION, & DISCHARGE PULSATION DAMPENERS.
 WELDED IN COLLARS FOR SKIM LINES.
 BACK-FILL TRENCH FOR WATER INLET LINES.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
TRI-W, REDMAN PARTS, OIL PROBES, TRIPLEX, MOTOR, & PULSATION DAMPENE	\$35,200.00	\$39,893.04
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$35,200.00	\$39,893.04
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$540.00	\$12,942.76
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$800.00	\$3,820.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$330.00	\$3,739.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,670.00	\$23,858.26
TOTAL COMPANY COST	\$36,870.00	\$63,751.30

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME:	LEASE NAME:	COUNTY:	STATE:	DATE:
E&P Denver	1-14C6 SWD	DUCHESNE	UTAH	07/29/99
FIELD:	PRODUCTION FOREMAN:	AFE NO.:	% CONSTRUCTION COMPLETED:	
ALTAMONT/BUEBELL	BRAD JENSEN	28537		
CONSTRUCTION START DATE:	REPORT TAKEN BY:			
7/12/99	BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

BACK WELDED COLLARS IN TANKS.
 WELDED UP TRACE LINES , TRANSFER, PUMP LINES.
 DUG TRENCH FOR ELEC CONDUIT.
 SHOVEL OUT PIT TANK.

 ELEC. RAN CONDUIT FROM PANEL RACK TO TRIPLEX.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER PLASTIC PIPE DAILY PIPE COSTS CONDUIT	\$1,734.92	\$41,627.96
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$1,734.92	\$41,627.96
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,225.00	\$14,167.76
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$800.00	\$4,620.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$365.00	\$4,104.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$2,390.00	\$26,248.26
TOTAL COMPANY COST	\$4,124.92	\$67,876.22

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 07/30/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

WORK ON OVERFLOW LINES, BUILT CLAMPS FOR EQUILIZER LINES.
BACKFILL CONDUIT TRENCH, FINISH TRACE, AND TRANSFER LINES.
WELD, AND INSTALL PROBES.

ELEC. PULLED WIRE FROM MAIN DISCONNECT TO PANEL RACK.
PULLED FROM TRIPLEX CONTROLLER TO TRIPLEX MTR.
TERMINATED WIRES IN TRIPLEX MTR, CONTROLLER, AND MAIN DISCONNECT.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$1,809.08	\$43,437.04
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$1,809.08	\$43,437.04
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,237.50	\$15,405.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$400.00	\$5,020.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$330.00	\$4,434.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,967.50	\$28,215.76
TOTAL COMPANY COST	\$3,776.58	\$71,652.80

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 08/02/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

PICKED UP PARTS @ TRI-W, & COASTAL YARD, INSTALLED 8" IN 12"EQUILIZER AND 6" IN 10" OVERFLOW TO PIT IN TANK NO.3. FINISH TRACE, & TRANSFER LINES. BACKFILL CONDUIT TRENCH.

ELEC. MOUNT SIZE NO.2 CONTROLLER ON PANEL RACK, PULL WIRE TO CONTROLLER FOR MAIN POWER. MOUNT ALARM BOX, AND RELAY BOX TO PANEL. FINISH CONDUIT TO TRIPLEX, HEAD SWITCHES, AND OIL PROBES.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$370.25	\$43,807.29
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$370.25	\$43,807.29
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,003.25	\$16,408.51
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,356.00
WELDING SERVICES	\$840.00	\$5,860.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$304.50	\$4,739.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$2,147.75	\$30,363.51
TOTAL COMPANY COST	\$2,518.00	\$74,170.80

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME:	LEASE NAME:	COUNTY:	STATE:	DATE:
E&P Denver	1-14C6 SWD	DUCHESNE	UTAH	08/03/99
FIELD:	PRODUCTION FOREMAN:	AFE NO.:	% CONSTRUCTION COMPLETED:	
ALTAMONT/BLUEBELL	BRAD JENSEN	28537		
CONSTRUCTION START DATE:	REPORT TAKEN BY:			
7/12/99	BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

DUG EMERGENCY PIT, TIED TRIPLEX DISCHARGE INTO WELL HEAD, TIED TRIPLEX POP-OFF INTO TANK, WELD 2" COLLARS IN TANKS FOR MURPHY SWITCHES, WELD 4" COLLAR INTO TANK TRUCK UNLOADING. BACKFILL TRIPLEX DISCHARGE TO WELLHEAD TRENCH, STARTED SANDBLASTING INSIDE OF TANKS. ELEC. MOUNT HEADSWITCHES ON TANKS, AND PLUMBED IN. FINISH CONDUIT TO TRANSFER PUMP, AND LOCAL SWITCH, FINISH CONDUIT AND FITTINGS TO OIL PROBES. INSTALL LOCAL SWITCH TO TRIPLEX.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDRATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABLE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$3,724.39	\$47,531.68
NON-CONTROLLABLE ITEMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$3,724.39	\$47,531.68
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,007.75	\$17,416.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT	\$260.00	\$3,616.00
WELDING SERVICES	\$420.00	\$6,280.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$1,094.50	\$5,833.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$2,782.25	\$33,145.76
TOTAL COMPANY COST	\$6,506.64	\$80,677.44

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME:	LEASE NAME:	COUNTY:	STATE:	DATE:
E&P Denver	1-14C6 SWD	DUCHESNE	UTAH	08/04/99
FIELD:	PRODUCTION FOREMAN:	AFE NO.:	% CONSTRUCTION COMPLETED:	
ALTAMONT/BLUEBELL	BRAD JENSEN	28537		
CONSTRUCTION START DATE:	REPORT TAKEN BY:			
7/12/99	BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

SANDBLASTED TANKS, BUILT STANDS FOR TRUCK UNLOADING, & TANK OVERFLOW TO PIT, WELDED ANTENNA POLE FOR ELECTRICIANS, FINISH LINES IN FRONT OF TANKS.

ELEC. PULLED WIRE FROM PANEL RACK TO HEADSWITCHES, OIL PROBES, TRANSFER PUMP, TRIPLEX SHUTDOWNS, AND ALARM JUNCTION BOS. INSTALL STROBE LIGHT ON GUTTER. MAKE UP ALL WIREING CONNECTIONS. INSTALL FUSES IN MAIN DISCONNECT.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$1,105.95	\$48,637.63
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$1,105.95	\$48,637.63
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,371.00	\$18,787.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES	\$400.00	\$6,680.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$750.00	\$6,583.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$2,521.00	\$35,666.76
TOTAL COMPANY COST	\$3,626.95	\$84,304.39

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME:	LEASE NAME:	COUNTY:	STATE:	DATE:
E&P Denver	1-14C6 SWD	DUCHESNE	UTAH	08/05/99
FIELD:	PRODUCTION FOREMAN:	AFE NO.:	% CONSTRUCTION COMPLETED:	
ALTAMONT/BUEBELL	BRAD JENSEN	28537		
CONSTRUCTION START DATE:	REPORT TAKEN BY:			
7/12/99	BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS: SANDBLAST TK NO.#3, SPRAY FIRST COAT OF EPOXY IN ALL 3 TANKS.
WELD PIT LINER TOGETHER, AND PREP TO INSTALL.
WELD UP HOLES IN TK NO.# 3.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS LINER ETC.	\$2,186.48	\$50,824.11
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$2,186.48	\$50,824.11
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$760.75	\$19,548.01
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES	\$160.00	\$6,840.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$1,100.00	\$7,683.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$2,020.75	\$37,687.51
TOTAL COMPANY COST	\$4,207.23	\$88,511.62

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 08/06/99
FIELD: ALTAMONT/BLUEBELL		PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:
CONSTRUCTION START DATE: 7/12/99		REPORT TAKEN BY: BRAD JENSEN		

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS: INSTALL, & BACKFILL PIT LINER, RETURN LEFTOVER PARTS TO COASTAL YARD TIED IN TRACE, & SWD LINES @ 10-15C6. FLUSHED TRACE, & SWD LINES. INSTALL STAND FOR OVERFLOW, & DRAIN TO PIT.

ELEC. FINISH TYING IN CONTROLLER WIRES FOR THE TRIPLEX MOTOR CONTROLLER. WORK ON THE ALARM TRANSMITTER WITH SYSCOM.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$47.01	\$50,871.12
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$47.01	\$50,871.12
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$1,074.00	\$20,622.01
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES	\$400.00	\$7,240.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$530.00	\$8,213.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$2,004.00	\$39,691.51
TOTAL COMPANY COST	\$2,051.01	\$90,562.63

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME:	LEASE NAME:	COUNTY:	STATE:	DATE:
E&P Denver	1-14C6 SWD	DUCHESNE	UTAH	08/07/99
FIELD:	PRODUCTION FOREMAN:		AFE NO.:	% CONSTRUCTION COMPLETED:
ALTAMONT/BLUEBELL	BRAD JENSEN		28537	
CONSTRUCTION START DATE:	REPORT TAKEN BY:			
7/12/99	BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS: SPRAY FINAL EPOXY COATING IN TANKS.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$50,871.12
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$50,871.12
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$190.00	\$20,812.01
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES		\$7,240.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$235.00	\$8,448.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$425.00	\$40,116.51
TOTAL COMPANY COST	\$425.00	\$90,987.63

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 08/05/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:	
CONSTRUCTION START DATE: 7/12/99	REPORT TAKEN BY: BRAD JENSEN			

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

INSTALL COILS IN TK NO. 1 & 2, AND PRESSURE TEST. BOLTED MANWAYS ON TANKS NO.1 & 2. WELDED 2" COLLAR ON OVERFLOW LINE, WELDED BRACKETS ON TANKS NO.1 & 2 FOR BUILDING. ADDED TRACE LINES FOR SWD TRUNK LINES AT THE 10-15C6 BATTERY, TIED THE 10-15C6 BATTERY, 2-24C6, 2-19C6, 2-17C6, AND THE 2-14C6 INTO THE 1-14C6 GATHERING SYSTEM. ELEC. CALIBRATED THE HEAD SWITCHES, & OIL PROBES ON TANKS NO. 1 & 2. TRIED SENDING TEST ALARMS WITH SYSCOM TO JUDD. ENERGIZE, AND TEST ROTATION ON THE TRANSFER PUMP.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABLE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$50,871.12
NON-CONTROLLABLE ITEMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$50,871.12
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$791.00	\$21,603.01
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES	\$440.00	\$7,680.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$638.00	\$9,086.50
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,869.00	\$41,985.51
TOTAL COMPANY COST	\$1,869.00	\$92,856.63

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME:	LEASE NAME:	COUNTY:	STATE:	DATE:
E&P Denver	1-14C6 SWD	DUCHESNE	UTAH	08/10/99
FIELD:	PRODUCTION FOREMAN:	AFE NO.:	% CONSTRUCTION COMPLETED:	
ALTAMONT/BLUEBELL	BRAD JENSEN	28537		
CONSTRUCTION START DATE:	REPORT TAKEN BY:			
7/12/99	BRAD JENSEN			

ACTIVITY @ REPORT TIME:	

ACTIVITY LAST 24 HOURS:	INSTALL COILS, & MANWAY FOR TANK NO.3#
	FINISH TYING IN TRACE SYSTEM @ 10-15C6
	TIE IN THE 1-33B6 INTO THE SYSTEM.

ELEC. MET WITH SYSCOM TO WORK ON ALARMS, FOUND REPEATER OFF	
FREQUENCY, REPAIRED, AND TEST ALARMS.	

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$34.25	\$50,905.37
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$34.25	\$50,905.37
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$559.25	\$22,162.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES		\$7,680.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$269.50	\$9,356.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$828.75	\$42,814.26
TOTAL COMPANY COST	\$863.00	\$93,719.63

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 08/11/99
FIELD: ALTAMONT/BLUEBELL		PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:
CONSTRUCTION START DATE: 7/12/99		REPORT TAKEN BY: BRAD JENSEN		

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

COMPLETED TIE-IN @ 1-33B6, MADE ROAD X-ING.
CLEANED UP 1-14C6 LOCATION, AND HAULED SPARE PARTS, AND PIPE TO COASTAL YARD.

ELEC. FINISH CONTROL WIRING TO RELAYS FROM ALARM TRANSMITTER FOR ALARMS. CHANGE MAIN FUSE IN TRIPLEX CONTROLLER.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$132.91	\$51,038.28
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$132.91	\$51,038.28
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$493.00	\$22,655.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES		\$7,680.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$530.00	\$9,886.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,023.00	\$43,837.26
TOTAL COMPANY COST	\$1,155.91	\$94,875.54

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 08/12/99
FIELD: ALTAMONT/BLUEBELL		PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:
CONSTRUCTION START DATE: 7/12/99		REPORT TAKEN BY: BRAD JENSEN		

ACTIVITY @ REPORT TIME: XXXXXXXXXX

ACTIVITY LAST 24 HOURS:

BUILT GUARDRAIL AROUND EMERGENCY PIT, AND STORAGE TANKS.
HAUL BUILDING FROM COASTAL YARD, AND SET OVER WELLHEAD.
HAUL LEFTOVER PIPE BACK TO COASTAL YARD.

ELEC. CHECK TRIPLEX CONTROLLER, ADJUST PHASE MONITOR.
HOOK-UP TEST ALARMS IN TRANSMITTER.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$51,038.28
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$51,038.28
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$461.00	\$23,116.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES	\$400.00	\$8,080.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$500.00	\$10,386.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$1,361.00	\$45,198.26
TOTAL COMPANY COST	\$1,361.00	\$96,236.54

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 08/20/99
FIELD: ALTAMONT/BLUEBELL	PRODUCTION FOREMAN: BRAD JENSEN		AFE NO.: 28537	% CONSTRUCTION COMPLETED:
CONSTRUCTION START DATE: 7/12/99		REPORT TAKEN BY: BRAD JENSEN		

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

GATHERED FENCING MATERIALS, HAULED TO LOCATION, AND STARTED FENCE CONSTRUCTION, DUG TRENCH TO WELLHEAD BUILDING FOR ELEC.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABLE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS		\$51,038.28
NON-CONTROLLABLE ITEMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT		\$51,038.28
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$146.00	\$23,262.26
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES		\$8,080.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$111.00	\$10,497.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$257.00	\$45,455.26
TOTAL COMPANY COST	\$257.00	\$96,493.54

COASTAL OIL & GAS CORPORATION

DAILY CONSTRUCTION REPORT

DISTRICT NAME: E&P Denver	LEASE NAME: 1-14C6 SWD	COUNTY: DUCHESNE	STATE: UTAH	DATE: 08/23/99
FIELD: ALTAMONT/BLUEBELL		PRODUCTION FOREMAN: BRAD JENSEN	AFE NO.: 28537	% CONSTRUCTION COMPLETED:
CONSTRUCTION START DATE: 7/12/99		REPORT TAKEN BY: BRAD JENSEN		

ACTIVITY @ REPORT TIME:

ACTIVITY LAST 24 HOURS:

INSTALL FENCE AROUND EMERGENCY PIT.
BACKFILL TRENCH FOR ELECTRICITY TO THE WELLHEAD BUILDING.

ELEC. RAN CONDUIT, AND WIRING TO WELLHEAD BUILDING, AND HOOKED UP
GROUNDED TANKS, AND WELLHEAD BUILDING.

ITEM	CONSTRUCTION COSTS	
	DAILY	CUMULATIVE
PULLING UNIT COST		
CHRISTMAS TREE FITTINGS		
PUMP AND UNIT		
PRIME MOVER AND CONTROL PANEL		
FLOW CONTROLLER		
RODS-- SIZE-- GRADE--		
SURFACE PUMP		
BOTTOM HOLE PUMP		
GAS LIFT VALVES		
NON-CONTROLLAABLE ITEMS		
TOTAL LIFTING EQUIPMENT		
TANKS BBL WELDED/BOLTED		
STAIRWAYS, WALKWAYS AND STANDS		
GUN BARRELS BBL WELDED/BOLTED		
VALVES AND FITTINGS		
LTX AND SEPARATORS		
DEHYDTATOR SIZE W.P.		
COMPRESSOR		
HEATER OR TREATER SIZE W.P.		
CONTROLS		
OTHER		
NON-CONTROLLABALE ITEMS		
TOTAL STORAGE AND TREATING EQUIPMENT		
RIGHT OF WAY		
FLOWLINE		
METERS AND RUNS SHRINK SLEEVES		
OTHER DAILY PIPE COSTS	\$414.33	\$51,452.61
NON-CONTROLLABLE ITMS ROCK GUARD		
TOTAL FLOW LINES AND METERING EQUIPMENT	\$414.33	\$51,452.61
CATTLE GUARDS, GATES AND FENCES		
ROADS		
TOTAL OTHER FIELD AND LEASE FACILITIES		
OUTSIDE HOURLY LABOR	\$352.50	\$23,614.76
CONTRACT-BID INSTALLATIONS		
TRUCKING AND FREIGHT		\$3,616.00
WELDING SERVICES		\$8,080.00
EQUIPMENT REPAIR SERVICES		
EQUIPMENT CONTRACTOR SERVICES	\$165.00	\$10,662.00
CONTINGENCIES		
LEASE EQUIPMENT INSTALLATION COSTS		
SUPERVISION AND ENGINEERING		
COMPANY LABOR AND EXPENSE		
TOTAL LABOR & SERVICES COST	\$517.50	\$45,972.76
TOTAL COMPANY COST	\$931.83	\$97,425.37

REPORT DATE: 9/17/95

HOURS	ACTIVITY LAST 24 HOURS 6:00 a.m. -- 6:00 a.m.	CODE NO.	ITEM	DAILY	CUMULATIVE
6:00 AM	R/U HOT OILER PUMP 35 BBLS 3% KCL, RIH W/ SWAB	110	ROADS & LOCATIONS		0
	UNIT, MADE 24 SWAB RUNS, INITIAL F/L SURFACE,	120-125	CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP.WO		
	LAST F/L 1400' SWABBED BACK TOTAL 116 BBLS TODAY			1383	2076
	WATER HAS NOT STABILIZED. (SWABBING FROM 2700')	130	MUD & CHEMICALS		0
06:30 PM	SDFD.	135-136	CEMENTING SERVICE & FLOAT EQUIPMENT		0
		140	ELECTRIC LOGGING (OPEN HOLE) A. SLICK B. ELECTRIC		0
		145	FISHING TOOLS & SERVICES		0
		146	WATER	200	200
		146	FUEL		0
		146	BITS		0
		147	EQUIPMENT RENTAL A. FRAC TK. B. BOP'S C. BITS D. POWER SWIVEL E. FILTERING F. TUBING RENTAL G. PACKERS & PLUGS H. PORTABLE TOILETS	30	60 0 0 0 0 0 0 0 0
		175	TRUCKING		280
		183	PERF. AND CASED HOLE LOGS		0
		184	ACIDIZING, FRACTURING, ETC.		0
			MISC. LABOR & SERVICES		300
			HOTOILER	325	325
		190	SUPERVISION	175	350
			TOTAL INTANGIBLES	2113	3591
		200	TOTAL TANGIBLES (CSG.,ETC.)		0
TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)		TOTAL COSTS		2113	3591
		CONTINGENCIES (6%)			215
		CUM. DRLG. COSTS			0
		CONSTR. COSTS			0
		JOB TOTAL			3806

CHEMICALS PUMPED 3% KCL

CHECK ATTACHED REPORTS

TUBING TALLY	
FLOW BACK REPORT	
LOGS	
SWAB REPORT	
ROD REPORT	
STIMULATION REPORT	
WATER ANALYSIS	
WELLBORE SCHEM	

	DAILY	CUM
BBLS FLUID PUMPED:	35	35
BBLS FLUID RECOVERED:		0
BBLS LEFT TO RECOVER:	35	35
pH:		

PLE INSTALLATION DATE: _____

END OF TUBING DEPTH: _____

TAC SETTING DEPTH: _____

SN SETTING DEPTH: _____

PKR SETTING DEPTH: _____

PUMP DATA: MODEL _____ LINER _____ X _____ SPM _____ GPM _____

[illegible]

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Kute Tribal D-1

Well Name: UTE #1-14C6 (SWD) API Number: 43-013-30056
 Qtr/Qtr: SW/NE Section: 14 Township: 3S Range: 6W
 Company Name: COASTAL OIL & GAS CORPORATION

Lease: State _____ Fee UDWR Federal _____ Indian MINERAL
 Inspector: DENNIS L. INGRAM Date: 11/09/99

Initial Conditions:

Tubing - Rate: _____ Pressure: 600 psiCasing/Tubing Annulus - Pressure: Ø psi

Conditions During Test:

Time (Minutes)	<u>1st</u>	<u>2nd</u>	<u>1st</u>	<u>2nd</u>
	Annulus Pressure		Tubing Pressure	
0	<u>1010</u>	<u>1000</u>	<u>600</u>	<u>580</u>
5	<u>990</u>	<u>995</u>	<u>600</u>	<u>575</u>
10	<u>975</u>	<u>990</u>	<u>598</u>	<u>570</u>
15	<u>960</u>	<u>985</u>	<u>595</u>	<u>570</u>
20	<u>950</u>	<u>980</u>	<u>595</u>	<u>565</u>
25	<u>940</u>	<u>968</u>	<u>593</u>	<u>564</u>
30	<u>925</u>	<u>960</u>	<u>590</u>	<u>562</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 562 psiCasing/Tubing Annulus Pressure: 960 psi

COMMENTS: Coastal was injecting Down tubing
just before test w/ warm or HOT FLUID, causing
cool Down & SHrinkage

Operator Representative

Passed per D.I.
& currently LC
injecting.

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <u>Salt Water Disposal</u> b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>Re-entry</u>						5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-3809																															
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribe																															
2. NAME OF OPERATOR Coastal Oil & Gas Corporation						7. UNIT AGREEMENT NAME N/A																															
3. ADDRESS OF OPERATOR P.O. Box 1148, Vernal UT 84078 (435)-781-7023						8. FARM OR LEASE NAME Ute																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface SW NE 1939' FNL 2115' FEL At top prod. interval reported below At total depth						9. WELL NO. 1-14C6																															
						10. FIELD AND POOL, OR WILDCAT Cedar Rim																															
14. API NO. 43-013-30056 DATE ISSUED _____ 15. DATE SPUDDED 9-24-99 16. DATE T.D. REACHED _____ 17. DATE COMPL. (Ready to prod. or Plug & Abd.) 9/18/99 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) _____ 19. ELEV. CASINGHEAD _____						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14-T3S-R6W																															
						12. COUNTY Duchesne 13. STATE Utah																															
20. TOTAL DEPTH, MD & TVD 10,630 TD		21. PLUG, BACK T.D., MD & TVD _____		22. IF MULTIPLE COMPL., HOW MANY _____		23. INTERVALS DRILLED BY _____																															
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) Uinta						25. WAS DIRECTIONAL SURVEY MADE _____																															
26. TYPE ELECTRIC AND OTHER LOGS RUN _____						27. Was Well Cored YES <input type="checkbox"/> NO <input type="checkbox"/> (Submit analysis) Drill System Test YES <input type="checkbox"/> NO <input type="checkbox"/> (See reverse side)																															
28. CASING RECORD (Report all strings set in well) <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE/GRADE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>13-3/8" K55</td> <td>54.5</td> <td>600'</td> <td>17-1/2"</td> <td>600 SXS</td> <td></td> </tr> <tr> <td>9-5/8" S95 & N80</td> <td>40</td> <td>7825'</td> <td>12-1/4"</td> <td>850 SXS</td> <td></td> </tr> <tr> <td>7" N80</td> <td>26, 29, 32</td> <td>10,622</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7" N80</td> <td>23</td> <td>2800'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8" K55	54.5	600'	17-1/2"	600 SXS		9-5/8" S95 & N80	40	7825'	12-1/4"	850 SXS		7" N80	26, 29, 32	10,622				7" N80	23	2800'			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																																
13-3/8" K55	54.5	600'	17-1/2"	600 SXS																																	
9-5/8" S95 & N80	40	7825'	12-1/4"	850 SXS																																	
7" N80	26, 29, 32	10,622																																			
7" N80	23	2800'																																			
29. LINER RECORD				30. TUBING RECORD																																	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)																														
					2-7/8"	2772'	2761'																														
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																	
3700', 4", 4 holes				DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED																																	
2550, 4", 4 holes				2550' 500 gals xylene, 300 sxs RFC																																	
3147-3373', 55 zones, 165 holes				300 sxs Class G																																	
2872-3116', 74 zones, 222 holes				2790' 165 sxs Class G, 70 sxs Class G.																																	
				10 bbls returned																																	
33. PRODUCTION																																					
DATE FIRST PRODUCTION 11/5/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in) disposing																															
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO																														
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)																															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY																															
35. LIST OF ATTACHMENTS Chronological Well History																																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																					
SIGNED <u>Deanna Bell</u>				TITLE Environmental Secretary		DATE 4/17/00																															

See Spaces for Additional Data on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #1-14C6 SWD
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

Page 1

9/23/97 **AFE Convert to SWD.**
Through
11/15/97 MIRU, cut off well marker. Remove 2' cmt around line pipe. Pull line pipe. Rec 4' with plate on btm. RIH w/ 1 jt 2-7/8", no tag. Weld on 13 3/8" ext. well head flange. RIH w/ sandline & sinker bars. Tag @ 260'. PU BOP. PU 12-1/4" bit, six 4-3/4" DC. Tag cmt stinger, tag top of 9-5/8" cut off csg @ 651'. Circ clean. POOH. RIH w/ 8-1/2" Bit. Tag top of 9-5/8" csg @ 651'. Get into 9-5/8" csg easily. DO cmt from 655' to 671' in 1 hr. Circ Clean. POOH. RIH w/ 12-1/4" wash over shoe, 10-1/2" dress off mill. Tag top of stub @ 651'. Drill soft cmt 4'. Dress off csg stub 1'. POOH. RIH w/ 9-5/8" csg patch, w/ 9 5/8" grapple. Work over csg stub @ 652'. Try to set grapple broke, grapple could not set. ND BOP set slips. RU Cutters, RIH w/ 4" csg gun perf 4 holes @ 654'. RU HOWCO. Pump 300 sxs, 15.6# premium cmt. 12 bbls to surface. RD HOWCO. Cut off csg. NU BOP. Test BOP to 2000 psi. RIH w/ 8 1/2" bit. Tag @ 358'. Drlg cmt from 359' to 540'. Drlg cmt from 540' - 673'. PT csg patch to 800#. Broke back. Inj rate 1 BPM @ 500 psi. POOH. RU HOWCO. Spot 150 sx 15.6 premium cmt. POOH. Sq out 35 sxs, 116 sxs in csg. Top of cmt @ 330'. RIH w/ 8-1/2" rock bit, Tag @ 318'. Drlg to 528' in 9.5 hrs. Drlg cmt from 528' to 674' in 8.5 hrs, 17 FPH. Test csg patch & perf @ 654'. Test to 2000 psi 15 min. Drlg cmt from 674' - 727' in 3 hrs. Drlg cmt from 727' - 765', stringers to 830'. PT to 1200 psi, broke to 800 psi & getting inj rate of 1/2 BPM. RIH w/ 2-7/8" tbg. Circ out to 4289'. Stack out. Drlg from 4289' - 4297' in 2 hrs. Drlg on aluminum & junk? Drlg on junk from 4297' - 4299'. POOH w/ bit. RIH w/ new 8.5" bit. Tag @ 4299'. Drlg on cmt ret. Made 1' in 3.5 hrs. Getting Aluminum & cmt in returns. Lost 140 BW in hole. Drlg on junk from 4300' to 4405' (105') in last 11 hrs. Last hr made no hole. POOH w/ bit. RIH w/ 8.5 mill. Tag @ 4405'. Mill on junk to 4419'. Getting cmt & metal. Drilling on cmt to 4435'. Fell through. Hit stringers to 4475'. Tag @ 4885'. Circ out drlg mud. Drlg to 4995'. POOH w/ mill. RIH w/ 8.5" rock bit. Drlg on cmt from 4995' - 5100'. Drlg cmt from 5100' - 5265'. Circ clean. Get inj rate of 2 BPM to 3 BPM @ 700 psi. POOH w/ bit. RIH w/RBP and pkr, could not work thru tite spot @ 756'. POOH. RIH w/RBP and set @ 4628'. RIH w/pkr isolated hole in csg @ 646-660'. POOH w/pkr, RIH w/retr head. Latch on to RBP @ 4628'. Rlse RBP. POOH. RIH w/ pkr. Set @ 1000'. Test down tbg. No test. 2 BPM @ 1000#. Rlse pkr. Set @ 5006'. Test to 2000#. OK. Isolate leaks in perfs 4874' - 4890'. Inj 2 BPM @ 1000 psi. POOH w/ prk. RIH w/ RBP set @ 2025'. POOH. RU Cutters. Dump 4 sk sand. RIH w/ 2-7/8" tbg to 705'. Spot 150 sxs cmt. Sq 10 sxs out press to 2000'. TOC @ 310', SDFN.

10/17/97 RIH w/ 8 1/2" mill tooth bit, Tag cmt top @ 336', drlg cmt 336' to 684' (336' in 8 hrs, 42' per hr). Test csg to 2000 psig @ 500' OK, @ 620' OK, @ 649' OK, @ 684' bled from 2000 psig to 1300 psig in 15 min, zero rate @ 2000 psig. Test csg to 2000 psig overnight

10/18/97 Lost 1175 psig in 12.5 hrs, test csg to 2000 psig for 1 hr, lost 170 psig. Swab well, 40 runs from 416', wait 1 hr w/ no fluid enrty. POOH w/ 8 1/2" bit, RIH w/ 9 5/8" pkr, cannot get passed 652', set pkr @ 623', pressure tbg to 2000 psig, lost 700 psig in 30 min, pressure csg to 2000 psig, held for 30 min, POOH w/ pkr. RIH w/ 8 1/2" mill tooth bit, EOT @ 623', SDFN.

10/19/97 Tag cmt @ 684', drlg cmt from 684' to 715' & cmt stringers to 750', RIH & tag the 9 5/8" RBP @ 2016', rev circ csg w/ 150 bbls PW, POOH & LD bit. RIH w/ 9 5/8" pkr, set pkr @ 665' (11' below squeezed holes @ 654'), pressure tbg to 2000 psig, held for 15min, reset pkr @ 648', pressure tbg to 2000 psig, bled to 300 psig in 15 min, POOH & LD pkr. RIH w/ open ended tbg, EOT @ 662', MIRU Halliburton, pump 25 bbls FW dn tbg, pump 20 sx micro matrix cmt w/ 50% fluffed sand & displace w/ 3.2 bbls FW (pumped 3.75 bbls cmt into hole @ 654', 1/4 bpm @ 1800 psig, est cmt top @ 600'), SDFN.

10/20-97 WOC 48 hrs.

10/21/97 WOC 48 hrs.

10/22/97 SICP @ zero psig, csg is full, test csg to 2000 psig, no bleed in 15 min, RIH w/ 8 1/2" mill tooth bit, tag cmt @ 627', drlg cmt from 627' to 645' (18' soft, fell thru), RIH & stacked out @ 1930', 86' high (Sand should be @ 2016'), rev circ, returns look like cmt balls, test csg to 2000 psig, bled to 1000 psig in 15 min, wash dn w/ power swivel to sand top @ 2016', rev circ w/ 100 STBW, test csg to 2000 psig, bled to 225 psig in 15 min, Est. inj @ 1500 psig, broke to 1250 psig, inj 10 STBW @ 3/4 bpm @ 1250 psig, TOO H w/ 8 1/2" bit, RIH w/

- 9 5/8" 32A pkr, set pkr & test intervals, 670' pmp dn tbg @ 2000 psig, 5 min @ 1100 psig, 682' pmp dn tbg @ 2000 psig, 5 min @ 1100 psig, 1968' pmp dn tbg @ 2000 psig, 5 min @ 900 psig, 2000' pmp dn tbg @ 2000 psig, 5 min @ 400 psig, TOO H & LD w/ 9 5/8" pkr, SWI, SDFN
- 10/23/97 RIH w/ 9 5/8" RBP retr. head, rev circ sand off RBP set @ 2025', TOO H w/ RBP, re-dress RBP on loc, RIH w/ 9 5/8" 40# RBP & 32A pkr, set RBP @ 744' & pkr @ 715', pmp dn tbg, test to 2000 psig, no bleed 15 min, bled tbg, test csg to 2000 psig, 15 min @ 400 psig, re-set Pkr @ 620', test csg @ 2000 psig, no bleed 15 min, bled csg, pmp dn tbg 1/2 bpm @ 1800 psig w/ 10 STBW, re-set pkr @ 715' w/ RBP @ 744', test tbg @ 2000 psig, no bleed 15 min, TOO H w/ pkr, MIRU Cutters WLS, dump 5 sx sand on RBP @ 744', est sand top @ 735', RIH w/ 2 7/8" tbg, land tbg @ 662', MIRU Dowell, pmp 50 sx Class-G cmt (10 bbls) dn tbg & displace w/ 3 STBW, TOO H w/ tbg, close BOP, pmp dn csg, stage cmt, sqzd @ 2000 psig w/ 3/4 bbl cmt in csg, est cmt top @ 501', SWI w/ 2000 psig on csg, RDMO Dowell, SDRN, will wait on cement until 7:00 AM 10/25/97.
- 10/24/97 SICP @ 100 psig, pressure csg to 2000 psig, SWI, WOC.
- 10/25/97 SICP @ 800 psig, test csg to 2000 psig, no bleed 15 min, RIH w/ 8 1/2" bit & tbg, tag cmt @ 569', drlg to 611', test csg to 2000 psig, no bleed 15 min, drlg cmt to 650', test csg, no test, inj 1.5 bpm @ 1300 psig w/ 20 STBW, call Denver, TOO H w/ tbg & bit, RIH w/ 9 5/8" pkr & set @ 590', swab two runs, IFL @ surface, FFL @ 590', rec 3.4 STBW, SDFN.
- 10/26/97 Swab well, no enrt, test csg, inj 1.5 bpm @ 1300 psig, TOO H w/ tbg & pkr, MIRU Cutters WLS, RIH w/ 4" perf gun, shoot 4 holes @ 657', RD Cutters, RIH w/ 9 5/8" pkr & tbg, set pkr @ 590', test csg, inj 1.5 bpm @ 1400 psig w/ 30 STBW, swab well down, SDFN.
- 10/27/97 MIRU Howco to sqz, change of orders, TOO H w/ pkr, RIH w/ 8 1/2" bit & tbg, CO cmt & sand to RBP @ 744', TOO H w/ tbg & bit, RIH w/ ret. Head & tbg, tag RBP @ 744', ciecdn & ret. RBP, TOO H w/ tbg & RBP, RIH w/ 8 1/2" bit & tbg tp 3200', SDFN.
- 10/28/97 RIH w/ 8 1/2" bit, CO to 5265', circ well clean, MIRU Cutters, RIH w/ CBL/GR/CCL, log F/ 5265' to surf, RD Cutters, SDFN.
- 10/29/97 WOO.
- 10/30/97 MIRU Cutters, perf 4731' - 5032', 4 spf, 120 deg, RIH w/ 9 5/8" pkr & set @ 4737', swab well, rec 136 STBW, SDFN.
- 10/31/97 Swab well, rec 437 STBW, inj 3 BPM @ 1000 psig w/ 25 STBW, SDFN.
- 11/3/97 TOO H w/ 9 5/8" pkr & tbg, RU Cutters Wireline, RIH w/ 9 5/8" WLS RBP, Set RBP @ 4698', RIH w/ 4 1/8" csg gun & perf 4583' - 4676', 4 spf, w/ 196 shots, RD Cutters, SDFN.
- 11/4/97 RIH w/ 9 5/8" pkr, set @ 4,511', swab well, no entry, inj 2.4 bpm @ 1700 psig, swab dack load, no fluid entry in 1 hr, SDFN.
- 11/5/97 Swab well, rec 4 STB @ 50% oil, RU Dowell & acidize 4583' - 4676' w/ 5000 gals 15% HCl, ATR @ 3800 psig, ATR @ 16 bpm, ISIP @ 1800 psig, flow 2 hrs, rec 53 STB, swab well, rec 36 STB w/ trace oil, swab dry, inj 2.3 bpm @ 1425 psig, pump 53 STBW, swab dry, rec 38 STB, SDFN.
- 11/6/97 swab well dry, rec 22 STB w/ trace oil, TOO H w/ tbg & pkr, RU Cutters Wireline, perf from 4413' - 4661' w/ 4 spf, 392 shots, RIH w/ 9 5/8" pkr & tbg, SDFN.
- 11/7/97 Set pkr @ 4357', swab well dry, rec 28 STBW, inj 2.3 bpm @ 1475 psig, MIRU Dowell, acidize perfs @ 4413' - 4664' w/ 5000 gals 15% Hcl & RS, ATP @ 6000 psig, ATR @ 21 bpm, ISIP @ 1346 psig, SDFN.
- 11/8/97 Flow well, rec 12 STB, swab well dry, rec 60 STB, TOO H w/ pkr @ 4357', RIH w/ 9 5/8" RBP ret head, tag fill @ 4886', circ sand & fill off RBP, TOO H w/ RBP, tools, & tbg, SDFN.
- 11/9/97 PU 8.5" bit & collars, RIH & tag cmt ret @ 5265', drlg on cmt ret, made 1 ft in 7 hrs, SDFN.
- 11/10/97 Drlg on cmt ret @ 5266' to 5315', cmt ret fell free, RIH to 6400', circ clean, SDFN.
- 11/11/97 RU Cutters Wireline, RIH w/ CBL/GR/CCL, log 6400' to 5100', RIH w/ wireline set 9 5/8" CIBP, set @ 6400', spot 2 sx cmt on RBP, RIH w/ 9 5/8" pkr & 2 7/8" tbg, set pkr @ 4700', spot 15 STB CaCl, inj into perfs 4731' - 5032' w/ 1/2 BPM @ 500 psig, displace to bottom perf, SDFN.
- 11/12/97 Swab well, fluid @ surf, FFL @ 1000', rec 7 STBW, inj 2 bpm @ 1000 psig, TOO H w/ pkr, RU Cutters, perf 5519' - 6143' w/ 4 spf, 4" gun, RIH w/ 9 5/8" pkr & 2 7/8" tbg, set pkr @ 5423', well flowing hard, had to kill tbg to get pkr in well, SDFN.
- 11/13/97 Flowing well @ 70 - 80 bph, zero psig, inj 2.5 bpm @ 1100 psig, kill well w/10# brine, TOO H w/ tbg & pkr, RU Cutters, RIH w/ 9 5/8" cmt ret., set @ 4360', SDFN.
- 11/14/97 RIH w/ 2 7/8" tbg, sting into CICR @ 4360', RU Halliburton, cmt w/ 160 sx Class-H cmt, left 10 sx cmt on top of CICR, TOO H w/ tbg, ND BOP, cut csg stub, NU blind flange, SDFN.
- 11/15/97 RDMO.
- 5/18/99 AFE swd. RU NU BOP.
- 5/19/99 AFE swd. MIRU Cutters. RIH tag PBTd @ 4295'. Shot 4 hole @ 3700', 4 holes @ 2550'.

POOH, PU 9 5/8" cmt ret. RIH stacked out @ 2243'. Could not get down. POOH, PU 8 5/8" bit. RIH stack @ 2825'. RU pmp & line. Circ out tar @ 200 degree. Circ w/ 300 bbl. POOH w/ bit, PU 9 5/8" pkr. RIH w/ 80 jts 2 7/8" tbg. EOT @ 2538'.

- 5/20/99 **AFE swd.** 7 AM RIH SET PKR @ 2648'. Pmp dwn tbg couldn't circ thru perfs. Pmp in perf @ 3700' @ 4 bpm 1000# no returns. Pmp dwn csg into perf @ 2550'. Could not circ, inj rate 3/4 BPM @ 900#. 11 A.M. POOH call f/ RBP & Zylene. 1 P.M. RIH w/ RBP & pkr. Stock out on tar @ 150'. POOH LD plug & pkr. RIH 10 jts 300', circ out hot 250 degree, POOH. 3 P.M. PU plug & pkr. RIH w/ 82 jts 2 7/8" tbg. Set plug @ 2593'. POOH w/ 3 jts tbg set pkr @ 2502'. Spot zylene to top perf @ 2550' brk dwn perf w/ 500 gals zylene pmp rate 2 BPM @ 380#. ISITP 200#. SWI w/ 200# on tbg.
- 5/21/99 **AFE swd.** 7 A.M. 180# on tbg got inj rate 4 @ 800# well start to flow. Well flowed 1.5 hrs 45 bbl water & oil. 9:30 A.M. well dead get inj rate pmped 35 bbl @ 5.5 BPM @ 1200#. Well flowing back, well died. Rel pkr, RIH w/ 3 jts 2 7/8" tbg latch RBP, rel plug. 10:30 A.M. POOH w/ 83 jts 2 7/8" tbg, pkr and plug. 11:30 P.M. LD RBP, RIH w/ pkr set @ 3562' try to circ out thru perf @ 2550' in perf @ 3700' up tbg. Could not circ inj rate 4 BPM @ 650#. 1:30 P.M. POOH w/ 113 jts 2 7/8" tbg & pkr LD pkr & plug. 3:30 P.M. PU 9 5/8" cmt ret. RIH w/ 114 jts 2 7/8" tbg. Set cmt ret @ 3593'. RU Dowell & pmp 100 bbls fresh wtr ahead. 500 sx (G) 15.8# cmt thru ret pmp @ 3593'. Disp w/ 17 bbl fresh wtr left 3 bbl cmt on top ret. Well start to blow after pmping 10 bbls wtr on cmt job had to kill well to w/ 60 bbls wtr. POOH w/ 40 jts to 2335'. Rev out w/ 90 bbl cmt in returns. 8 P.M. Well died.
- 5/22/99 **AFE swd.** 130# on well bleed off well flowing 2 BPH. POOH LD stinger. PU 9 5/8" pkr. RIH w/ 72 jts, set pkr @ 2458'. Test pkr to 500# - ok. SDFN, WOC.
- 5/23/99 **AFE swd.** 40# on well. Bleed off get inj rate 4 bpm @ 650#. Call f/ cmt. 12 P.M. MIRU Dowell pmp 50 bbl fresh mix & pmp 300 sxs RFC @ 4 bpm dwn to 2 bpm. Mix & pmp 150 sxs (G) + 2%CLCA @ 1 bpm dwn to 1/2 bpm. Mix 150 sxs (G) on suck 1 bpm dwn to 1/2 bpm. Clear pkr cmt. Stop put 100# bleed off slow, rel pkr. POOH w/ 10 jts 2 7/8" tbg rev out w/ 20 bbl. Re-set pkr @ 2147' cmt @ 2400' SWI. SD WOC.
- 5/25/99 **AFE swd.** 0# On well rel pkr. POOH LD pkr. PU 8 5/8" bit X/O 6 - 4 3/4" DC. RIH w/ 70 jts 2 7/8" tbg. Tag cmt @ 2389'. RU swivel drlg cmt f/ 2389' - 2573'. Full out cmt, RIH to 2638'. CIRC out clean. POOH w/ 10 jts. SDFN. Drilling 184' of cmt in 5.5 hrs.
- 5/26/99 **AFE swd.** POOH w/ bit & DC. Standback DC, PU 9 5/8" pkr. RIH w/ 76 jts 2 7/8" tbg. Set pkr @ 2398', test squeeze hole @ 2550' to 1500# - held min ok. Test hole @ 600', no test inj rate 1bpm @ 1000#. Rel pkr, POOH w/ 76 jts 2 7/8" tbg. Tag cmt @ 3571'. RU drill equip. Drill cmt f/ 3571'. RU drill equip. Drill cmt f/ 3571' - 3598' made 27' in 1/2 hr. Drill on cmt ret @ 3598' - 3599.5' made 18" in 3.5 hrs. Circ out clean. SDFN.
- 5/27/99 **AFE swd.** Drill on cmt @ 3599.5' - 3610' made 10' in 12.5 hrs. Drill 1' of cmt ret & 9' of cmt. SDFN.
- 5/28/99 **AFE swd.** Drill cmt f/3,610' - 3,518'. Bit stopped drlg. POOH & pu new 8 5/8" bit. RIH. Drill cmt f/3,618' - 3,716'. Drill out cmt stinger down to 3,924'. Circ out. POOH. SDFN.
- 5/29/99 **AFE swd.** PU 9 5/8" pkr. RIH & set PKR @ 770'. Test csg to 1,500# f/30 min. - O.K. POOH. MIRU Cutters. Run GR/CBL/CCI f/3,900' - 2,200'. POOH. RD Cutters. RIH w/tbg to 3,700'. Displace hole w/TW. POOH. SDFWE.
- 6/2/99 **AFE swd.** WOO f/ State.
- 6/3/99 **AFE swd.** MIRU Cutters perf f/ 3373' - 3147'. RD Cutters. RU & swab rec 150 BW in 3/5 hrs. Get inj rate 4.5 BPM @ 500#. Pumped BBL. SDFN. Prep to perf phase - 2.

Ute #1-14C6 SWD

- 6/4/99 **AFE swd.** 300# on tbg. Bleed off RU & swab IFL, surf FFL 1500' rec 350 bbl wtr. Get inj test pump 120 bbl PW @ 4.5 BPM @ 400#. SDFN.
- 6/5/99 **AFE swd.** MIRU HOWC. Get inj test. Pump 260 bbl prod wtr. Start @ 1250 bpm, come dwn to 1250# @ 7.5 bpm. RD HOWC. SDFWE.
- 6/6/99 **AFE swd.** POOH w/ pkr. MIRU Cutters perf f/ 3116' - 2872' w/ 4" guns. Load w/ 3 JSPF, 120 deg phasing. IFL surf, FFL surf no change, no psi, RD Cutters. RIH w/ 9 5/8" pkr set @ 2808' RU & swab. IFL surf, FFL 1700', rec 132 bbl fluid in 22 runs. Swab 5.5 hrs. SDFN.
- 6/8/99 **AFE swd.** Swab IFL surf, FFL 1500'. Get inj test pmp 50 bbl @ 3.5 BPM @ 700#, ISITP 500#, 5 min 400#, 10 min 360#, 15 min 325#. Rel pkr, POOH. PU ret tool f/ 9 5/8" RBP. RIH latch plug, rel POOH. SDFN.
- 6/9/99 **AFE swd.** MIRU csg crew. PU RIH w/ 9 5/8" X 7" 440 csg pkr & stg. DV to 66 jts, 7" - 26# csg. Set pkr @ 2790', test backside to 500# - held. MIRU Dowell, cement w/ 165 sxs (78 bbls). Lead & 70 xsx (14 bbls) tail, bump plug w/ 1000#. 10 bbls cement returned. Flushed w/ 106 bbls fresh wtr. RDMO Dowell. Set slips, ND Bop, cut off csg. NU tbg head, NU BOP. SD WOC 24 hrs.
- 6/10/99 **AFE swd.** Wait on cement.
- 6/12/99 **AFE swd.** PU RIH w/ F nipple. XO 6' X 3 1/2" sub, 7" X 3 1/2" Arrowset 1-X injection pkr. X/O 2 7/8" on- off tool w/ 1.87" seal nipple on 88 jts. 2 7/8" J - 55 Duoline tbg. 4' sub and tbg hanger, Pmp 86 bbls pkr fluid, set pkr @ 2760'. EOT @ 2772'. Hook up chart press recorder, test csg an. To 1000# for 1 hr - held. ND BOP, NU WH, est inj rate 4 BPM @ 550#, RDMO.
- 9/16/99 **Hot oil tbg, prep to swab.** Disconnect elec f/ swd bld. Remove bld, hook up line to frac tk, flow well back to frac tank, flowed 16 bbls. Obtained 2 samples. RU swab rig, swab to 250' w/ 2.00 cup, couldn't get through thick oil, RIH 1.50 X 30' sinker bar. Got to 300' couldn't get through thick oil. POOH prep to hot oil. SDFD. (Day 1)
- 9/17/99 **Hot oil tbg, prep to swab.** RU hot oiler. Pmp 35 bbls 3% KCL, RIH w/ swab unit, made 24 swab runs, initial FL surface. Last FL 1400'. Swabbed bck total 116 bbls. Today wtr has not stabilized. Swabbing f/ 2700'. SDFD. (Day 2)
- 9/18/99 **Waiting on Div of oil, gas & mining.** IFL @ 1400' @ 20 psi. Swabbed 38 runs for total of 75 bbls. 3 day total of swabbed bbls equaled 212 bbls. FFL @ 1400'. Staring CL valve was 154000 mg/L ending CL valve was 158000 mg/L. Rels rig and state of Utah wants chemical analysis in their office on the 21st of September. (Day 3)

FINAL REPORT

Ute #1-14C6
6/11/99
RICHARD
OIL & GAS



April 20, 2000

Ms. Carol Daniels
State of Utah
Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114

RE: Well Completions Reports

Dear Carol:

The following well completion sundries, State of Utah Form 8 and BLM Form 3160-4, are enclosed, for the week ending April 20, 2000:

CIGE 244	NE NW	SECTION 1-T10S-R21E
NBU 322	SE SW	SECTION 34-T9S-R21E
NBU 326	NE SW	SECTION 31-T9S-R22E
UTE 1-14C6	SW NE	SECTION 14-T3S-R6W

If you have any questions or need additional information regarding the above referenced wells, please contact me at (435) 781-7021.

Sincerely,

Deanna Bell
Environmental Secretary

Enclosures

RECEIVED

APR 21 2000

DIVISION OF
OIL, GAS AND MINING

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION

1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

INJECTION WELL - INSPECTION RECORD

Well Name: Ute #1-14C6 SWD API Number: 43-013-30056
Qtr/Qtr: SW/NE Section: 14 Township: 3S Range: 6W
Company Name: _____
Lease: State _____ Fee _____ Federal _____ Indian X
Inspector: Dennis L Ingram Date: 04/20/00

Injection Type:

Disposal: WDW Enhanced Recovery: _____ Other: _____Injecting: No Shut-In: NoRate: 0 (bpd) Totalizer: 0 (bbls)Gauges: Tubing: YesCasing: yes Casing Pressure: 350 (psig)Tubing Pressure: 750 (psig) Housekeeping: GoodEquipment Condition: Good

COMMENTS: Murphy shut down gauge is set for 1600 psi. Unit is down from low
water level in tanks. Administration request to check for casing pressure.

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - INSPECTION RECORD

Well Name: <u>Ute 1-14CG</u>	API Number: <u>013-38856</u>
Qtr/Qtr: _____	Section: _____ Township: _____ Range: _____
Company Name: _____	
Lease: State _____	Fee _____ Federal _____ Indian _____
Inspector: _____	Date: <u>4-24-00</u>

Injection Type:

Disposal: _____ Enhanced Recovery: _____ Other: _____

Injecting: _____ Shut-In: _____

Rate: 0 (bpd)
(bbls)Totalizer: 202

Gauges: Tubing: _____

Casing: _____

Casing Pressure: 350 (psig)Tubing Pressure: 750 (psig)

Housekeeping: _____

Equipment Condition: _____

COMMENTS: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

NAME (PLEASE PRINT) Coastal Oil & Gas Corporation
John T. Elzner TITLE Vice President
SIGNATURE [Signature] DATE 06-15-01
NAME (PLEASE PRINT) El Paso Production Oil & Gas Company
John T. Elzner TITLE Vice President
SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

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OIL, GAS AND MINING

UIC FORM 5

Well Name and Number	API Number
EXHIBIT "A"	
Location of Well	Field or Unit Name
Footage : [REDACTED]	
County : [REDACTED]	
QQ, Section, Township, Range: [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Lease Designation and Number
State : UTAH	

EFFECTIVE DATE OF TRANSFER: 03-09-01

Company: Coastal Oil & Gas Corporation
Address: 1368 South 1200 East
city Vernal state UT zip 84078
Phone: 435-789-4433

Name: John T. Elzner

Signature:

Title: Vice President

Date:

Comments: As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See EXHIBIT "A"

Company: E1 Paso Production Oil & Gas Company
Address: 1368 South 1200 East
city Vernal state UT zip 84078
Phone: 435-789-4433

Name: John T. Elzner

Signature: _____

Title: (Vice President

Date:

Comments: NAME CHANGE

Bond Number 400JU0708

(This space for State use only)

Transfer approved by:

Title:

Comments:

Approval Date:

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EXHIBIT "A"

NAME CHANGE FROM COASTAL OIL & GAS CORPORATION TO EL PASO PRODUCTION OIL & GAS COMPANY

API Well No.	Well Name	Well Status	Well Type	Location(T-R)	Section
43-013-30361-00-00	ALLRED 2-16A3	Active Well	Water Disposal	1S-3W	16
43-013-30370-00-00	UTE TRIBAL 1-25A3	Producing Well	Oil Well	1S-3W	25
43-013-30362-00-00	BIRCH 2-35A5	Active Well	Water Disposal	1S-5W	35
43-013-30337-00-00	G HANSON 2-4B3 SWD	Active Well	Water Disposal	2S-3W	4
43-013-30038-00-00	LAKE FORK 2-23B4	Active Well	Water Disposal	2S-4W	23
43-013-30371-00-00	LINDSAY RUSSELL 2-32B4	Active Well	Water Disposal	2S-4W	32
43-013-30121-00-00	TEW 1-9B5	Active Well	Water Disposal	2S-5W	9
43-013-30391-00-00	EHRICH 2-11B5	Active Well	Water Disposal	2S-5W	11
43-013-30340-00-00	LDS CHURCH 2-27B5	Active Well	Water Disposal	2S-5W	27
43-013-30289-00-00	RHOADES MOON 1-36B5	Shut_In	Oil Well	2S-5W	36
43-013-30056-00-00	UTE 1-14C6	Active Well	Water Disposal	3S-6W	14
43-047-33597-00-00	NBU SWD 2-16	Spudded (Drilling commenced: Not yet completed)	Water Disposal	10S-21E	16
43-047-32344-00-00	NBU 205	Shut_In	Gas Well	10S-22E	9
43-047-15880-00-00	SOUTHMAN CANYON U 3	Active Well	Water Disposal	10S-23E	15
43-047-31822-00-00	UTE 26-1		Water Disposal	4S-1E	26
43-047-32784-00-00	STIRRUP STATE 32-6	Active Well	Water Injection	6S-21E	32
43-047-30359-00-00	NBU 21-20B	Active Well	Water Disposal	9S-20E	20
43-047-33449-00-00	OURAY SWD 1	Approved permit (APD); not yet spudded	Water Disposal	9S-21E	1
43-047-31996-00-00	NBU 159	Active Well	Water Disposal	9S-21E	35

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DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

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JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


(Margaret E. Roark, Assistant Secretary)

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STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE SAID "COASTAL OIL & GAS CORPORATION", FILED A CERTIFICATE OF AMENDMENT, CHANGING ITS NAME TO "EL PASO PRODUCTION OIL & GAS COMPANY", THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

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DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8320

AUTHENTICATION: 1103213

010202983

DATE: 04-27-01

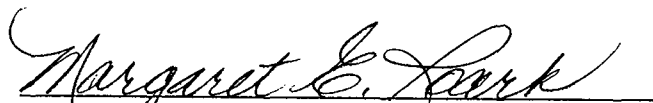
EL PASO PRODUCTION OIL & GAS COMPANY

CERTIFICATE OF INCUMBENCY

I, Margaret E. Roark, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of EL PASO PRODUCTION OIL & GAS COMPANY, a Delaware corporation (the "Company"), and that, as such, have the custody of the corporate records and seal of said Company; and

I do hereby further certify that the persons listed on the attached Exhibit A have been elected, qualified and are now acting in the capacities indicated, as of the date of this Certificate.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of El Paso Production Oil & Gas Company this 18th day of April 2001.


Margaret E. Roark, Assistant Secretary

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DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW		5-LP ✓ 6/25
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ALLRED 2-16A3	43-013-30361	99996	16-01S-03W	FEE	WD	A
BIRCH 2-35A5	43-013-30362	99996	35-01S-05W	FEE	WD	A
G HANSON 2-4B3 SWD	43-013-30337	99990	04-02S-03W	FEE	WD	A
LAKE FORK 2-23B4	43-013-30038	1970	23-02S-04W	FEE	WD	A
LINDSAY RUSSELL 2-32B4	43-013-30371	99996	32-02S-04W	FEE	WD	A
TEW 1-9B5	43-013-30121	1675	09-02S-05W	FEE	WD	A
EHRICH 2-11B5	43-013-30391	99990	11-02S-05W	FEE	WD	A
LDS CHURCH 2-27B5	43-013-30340	99990	27-02S-05W	FEE	WD	A
UTE 1-14C6	43-013-30056	12354	14-03S-06W	INDIAN	WD	A
SOUTHMAN CANYON U 3	43-047-15880	99990	15-10S-23E	FEDERAL	WD	A
STIRRUP STATE 32-6 (HORSESHOE BEND UNIT)	43-047-32784	12323	32-06S-21E	STATE	WIW	A
NBU 21-20B (NATURAL BUTTES UNIT)	43-047-30359	2900	20-09S-20E	FEDERAL	WD	A
NBU 159 (NATURAL BUTTES UNIT)	43-047-31996	2900	35-09S-21E	FEDERAL	WD	A

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 06/21/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/21/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 06/21/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 400JU0705

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 7.26.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".



August 23, 2001

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daneils
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daneils

Greater Boundary Unit #10-27-8-17
Duchesne County, UT

Dear Ms. Carol Daneils

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 893-0102 ext. 1449

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File - Denver
Well File - Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver

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AUG 29 2001
DIVISION OF
OIL, GAS AND MINING

UTE 1-14C6 SWD

Lower Uinta Formation
Altamont Field, Duchesne Co., UT
PBSD: 4360 (CICR)
INJ PERFS: 2857 TO 3116 FT & 3147 TO 3373 FT
CSG: 7", 26# @ 2790 FT
TBG: 2 7/8", 6.5# @ 2762 FT

- 11/06/01 MIRU. Start flowing well to frac tanks.
- 11/7/01 RU hot oiler, pmp 60 bbls 10# dn tbg. Well still flowing back. Rel Arrow-set pkr @ 2760 ft. NU BOPs. POOH w/ tbg & BHA.
- 11/8/01 WO new Arrow-set pkr.
- 11/10/01 Open well. PU Arrow-set One pkr & plug XN1.87" ID. Test pkr to 4000 psi, ok. RU Hydrotest, hydro tools would not seal, RD hydrotest. Set plug, tested tbg to 4000 psi & every four stds to 4000 psi. Drifted every std w/ 1.93" drift. Nd BOPs. PU tbg hanger, galled hanger, WO new hanger. PU new hanger, land tbg w/ 9000 compression. NU WH. RU WL & fish XN plug. PT csg to 1000 psi for 30 min, ok. RDMO.

Wellhead Integrity Test
Logging of Wellhead Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 13th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: _____ Date 11/9/2001 Time 4⁵⁰ am/pm
Test conducted by: GARY Lamb
Others present: ERIC DANIALS

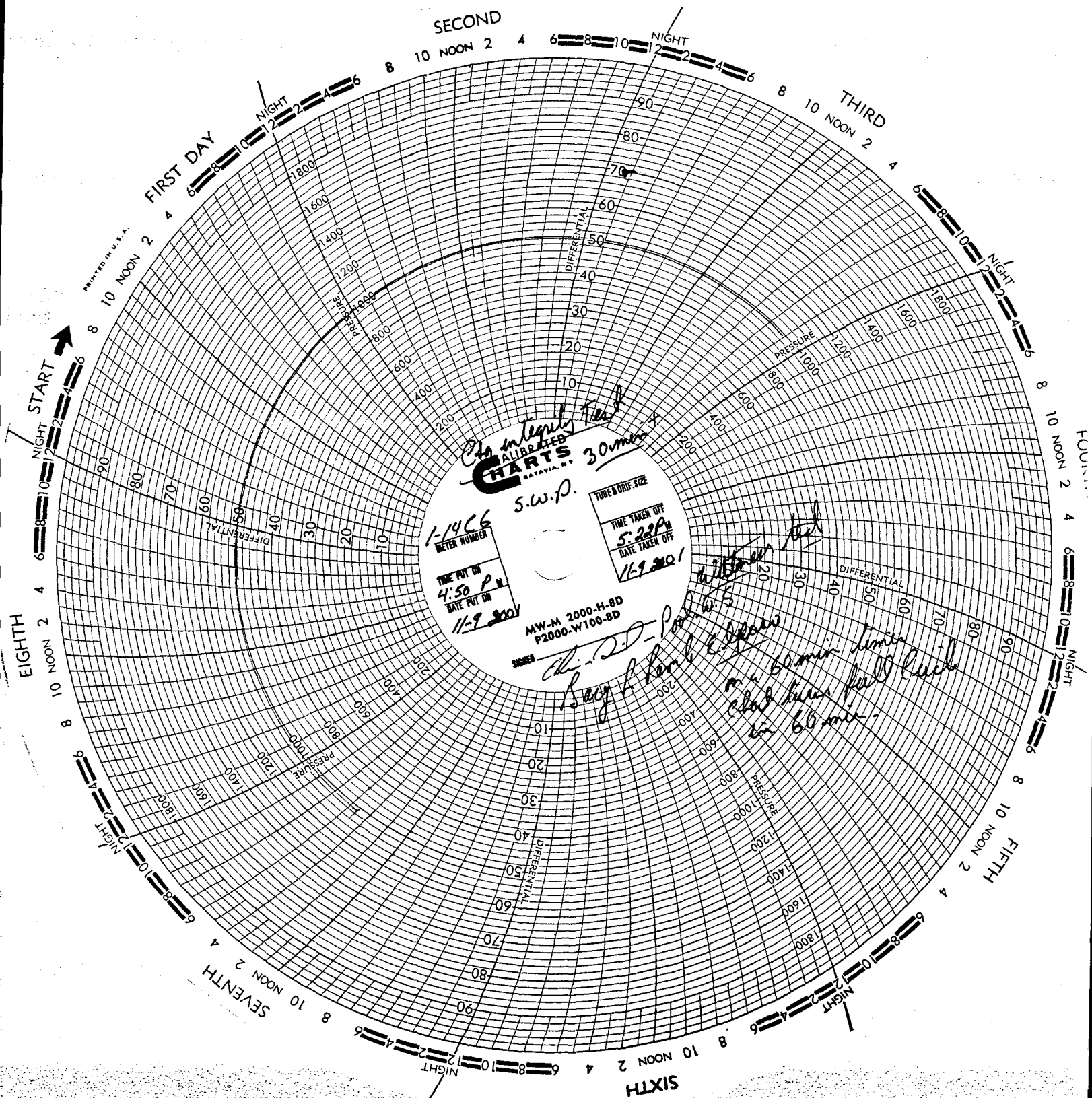
Well: Ute 1-14 (6 Swid)
Field: Altamont/Bluebell
Well Location: Cedar Rim Field

Well ID: Ut 2816-04352
Company: EIPASO Production Co.
Address: Altamont Ut.

Time	Test #1	Test #2	Test #3
0 min	<u>1000⁺</u> psig	_____ psig	_____ psig
5	<u>998</u>	_____	_____
10	<u>997</u>	_____	_____
15	<u>995</u>	_____	_____
20	<u>992</u>	_____	_____
25	<u>990</u>	_____	_____
30 min	<u>990</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>0</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: _____
See back of page for any additional comments & compliance followup.



INJECTION WELL - PRESSURE TEST

Well Name	UTE 1-14 C6 SWD		API Number	43-013-30056	
Qtr/Qtr	SW/NE	Section	14	Township	35 Range 6W
Company Name _____					
Lease	State	DNR	Fee	Federal	Indian
Inspector	Dennis L. Hyman		Date	10/25/01	

Initial Conditions

Tubing - Rate _____ Pressure 40 psiCasing/Tubing Annulus - Pressure 1000 psi

Conditions During Test

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	<u>40 PSI</u>
5	<u>1000</u>	<u>40</u>
10	<u>1000</u>	<u>40</u>
15	<u>995</u>	<u>40</u>
20	<u>995</u>	<u>40</u>
25	<u>990</u>	<u>40</u>
30	<u>985</u>	<u>40</u>

Results Pass Fail

Conditions After Test

Tubing Pressure 40 psiCasing/Tubing Annulus Pressure 985 psi

COMMENTS Tested @ 2:15 PM "Packer Chart & Recorder. Tested
For 40 minutes. Small leak or Bubble
@ Tubing Pack OFF (Surface)

Brad Hyman
 Operator Representative

November 15, 2001

Mr. Al Craver
US Environmental Protection Agency
999 18th Street Suite 300
8ENF-T
Denver, CO 80202-2466

Dear Mr. Craver,

El Paso Production Oil & Gas Company completed a casing mechanical integrity test on the Ute 1-14C6 SWD on 11/9/01. Enclosed are the EPA Well Rework Form 7520-12, the Wellwork Chronological History, the Casing Pressure Test Record and the original pressure chart. *43-013-30056 - 35, 6W, S-14*

Please contact me or Susan with any questions or requests.

Sincerely,

Carroll Estes

Carroll Estes
Principal Environmental Specialist
El Paso Production Oil & Gas Co.
435-781-7009

Susan Sears

Susan Sears
Sr Production Engineer
El Paso Production Oil & Gas Co
435-781-7033

cc: Mr. Gil Hunt, DOGM, State of Utah
Mr. D. Floyd Wopsock, Uintah & Ouray Business Committee Chairman
Mr. Elaine Willie, Ute Indian Tribe Environmental Coordinator
Mr. Carl Lakey, EPPC Rocky Mtn Director
Mr. Bill McGaughey, EPPC Production Mgr - Altamont
Altamont Well File
Vernal Well File

COPY SENT TO OPERATOR
Date: 12/3/01
Initials: CHO

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 12-03-01
By: *[Signature]*

RECEIVED

NOV 18 2001

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>UTE 1-14C6 SWD</u>	API Number: <u>43-013-30056</u>
Qtr/Qtr: <u>SW/NR</u> Section: <u>14</u>	Township: <u>35</u> Range: <u>6W</u>
Company Name: <u>EL PASO PRODUCTION</u>	
Lease: State <u>Free</u>	Federal <u>Indian</u>
Inspector: <u>Donna J. Hughes</u>	Date: <u>10-27-01</u>

Initial Conditions:

Tubing - Rate: _____

Pressure: ~~1000/1200~~ psiCasing/Tubing Annulus - Pressure: 1000/1200 psi

Conditions During Test:

Time (Minutes)

Annulus Pressure

Tubing Pressure

0

1000 120000

5

990 120000

10

980 119500

15

975 119000

20

970 118500

25

96500

30

96000Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psiCasing/Tubing Annulus Pressure: 960/1185 psi

COMMENTS:

Tested because of leak & Pressure on Backside
found by El Paso. Pulled tubing & redope & replace
packers. Tested @ 11:46 AM


 Operator Representative


 United States Environmental Protection Agency
 Washington, DC 20460

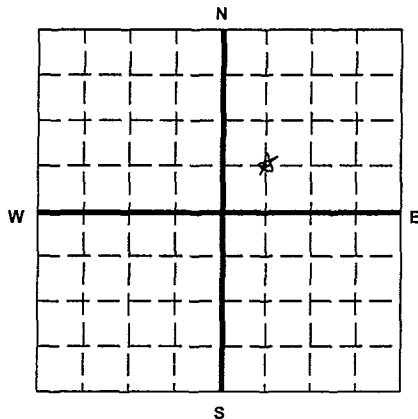
WELL REWORK RECORD

Name and Address of Permittee

 El Paso Production Company
 P.O. Box 120
 Altimont, UT 84001

Name and Address of Contractor

 Pool Well Services Rig #809
 P.O. Box 1515
 Roosevelt, UT 84006

 Locate Well and Outline Unit on
 Section Plat - 640 Acres


State

Utah

County

Duchesne

Permit Number

UT 2816-04352

Surface Location Description

1/4 of 1/4 of SW 1/4 of NE 1/4 of Section 14 Township 3 Range 6

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

 Location 334 ft. from (N/S) S Line of quarter section
 and 215 ft. from (E/W) E Line of quarter section.

WELL ACTIVITY

- ☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

Lease Name

Ute

Total Depth Before Rework

2790 ft

Total Depth After Rework

2790 ft

Date Rework Commenced

11/6/01

Date Rework Completed

11/10/01

TYPE OF PERMIT

☒ Individual☐ Area

Number of Wells 1

Well Number

Ute 1-1406

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
13 3/8" 54.5"	600ft	600 SKS	Class G			
9 5/8" 40"	7825ft	850 SKS	Class G			
7", 26"	2790-ft	300 SKS	RFC			
		300 SKS	Class G	2550		squeeze holes injection ports
				2857	3373	
PBTD - 9 5/8" CICK @	4360-ft	+ 10 SKS cement				

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

 DESCRIBE REWORK OPERATIONS IN DETAIL
 USE ADDITIONAL SHEETS IF NECESSARY

 Change & test BHA. See
 attached chronological history.

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

 Susan M. Sears
 Sr. Prod. Eng.

Signature

Date Signed

11-12-01

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>UHE 1-14C6 SWD</u>	API Number: <u>43-013-30056</u>
Qtr/Qtr: <u>SWS/NE</u>	Section: <u>14</u>
Company Name: <u>EL PASO PRODUCTION</u>	Township: <u>35</u>
	Range: <u>6W</u>
Lease: State <u>X</u>	Federal <u> </u>
Inspector: <u>Alvin L. [Signature]</u>	Indian <u> </u>
	Date: <u>5-10-02</u>

Initial Conditions:

Tubing - Rate: _____ Pressure: 0 psiCasing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1050</u>	<u>0</u>
5	<u>1050</u>	<u>0</u>
10	<u>1050</u>	<u>0</u>
15	<u>1050</u>	<u>0</u>
20	<u>1050</u>	<u>0</u>
25	<u>1050</u>	<u>0</u>
30	<u>1050</u>	<u>0</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psiCasing/Tubing Annulus Pressure: 1050 psiCOMMENTS: Tested after working on or replacing packer @
10:55 AM[Signature]
Operator Representative

RECEIVED

MAY 12 2002

DIVISION OF
OIL, GAS AND MINING

May 9, 2002

Mr. Al Craver
US Environmental Protection Agency
999 18th Street Suite 300
8ENF-T
Denver, CO 80202-2466.

COPY

SUBJECT:
Ute 1-14C6 SWD
(EPA ID# UT2816-04352)
Loss of Mechanical Integrity

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Dear Mr. Craver,

On April 23, 2002, El Paso Production Company recognized a loss of mechanical integrity on our Ute 1-14C6 SWD. We immediately stopped injection, shut in the well, and notified US EPA.

After the well was shut in, work procedures began to identify and correct the source of pressure on the tubing-casing annulus.

HISTORY:

In May 1999, during the initial conversion of this well to a water disposal well from a producing oil well, rig reports show the 7" casing was set @ 2790 ft KB. The casing packer was set between 2785'-2790' and cemented through a DV tool 2782-2785'.

From May 1999 through April 2002, the injection packer has been set with elements at 2766'. The top and bottom of the packer was between 2762'-2769'.

RESTORATION OF MECHANICAL INTEGRITY

On April 29, 2002, El Paso ran a Casing Collar Locator (CCL) strip to accurately position a bridge plug which would plug the 7" casing and be used to pressure test the 7" casing. The CCL indicated that the 7" was in fact located at 2766'. On May 3, El Paso ran a casing caliper log to validate the depth of the 7" casing shoe, the location of the DV tool and the integrity of the entire 7" casing string. The DV tool was found to be located from 2758'-2761'.

It is thought that the DV tool was the reason for the mechanical integrity failure. To confirm this theory, a bridge plug was run on May 3, 2002, and set at 2750'. The 7" casing was then pressure tested to 2000 psi and found to hold. The 7" was then swabbed down to a fluid level of 2250' and allowed to set over the weekend at 0 psi as a negative

RECEIVED



pressure test. The fluid level was found at 2250' with zero pressure on Monday, May 6. This work confirmed the pressure integrity of the 7" casing string.

CURRENT STATUS

The water injection packer has been run and set between 2724'-2730'. This work was discussed verbally by telephone with Mr. Al Craver of United States EPA on May 9, 2002. The well is shut in currently pending EPA witness and approval of this Mechanical Integrity Test and subsequent written permission of our ability to resume injection.

On April 24, US EPA issued a Notice of Violation for the lost mechanical integrity. El Paso Production Company takes such NOV's VERY SERIOUSLY and strives to operate its business in such a way as to ensure compliance. In this particular instance, El Paso identified the loss of Mechanical Integrity through our routine daily surveillance. We shut in the well without being asked by EPA, and we immediately notified United States EPA of the loss of mechanical integrity. El Paso feels that it acted as a prudent operator in this situation. Given these facts, why did EPA find it necessary to issue a Notice of Violation?

Please contact myself, Carroll Estes (435-781-7009) or Susan Sears (435-781-7033) with any questions or requests.

Sincerely,

A handwritten signature in black ink, appearing to read "Carl Lakey", written over a circular stamp or seal.

Carl Lakey
Production Director
El Paso Production Oil & Gas Co.
435-781-7001

cc: Mr. Gil Hunt, DOGM, State of Utah
Mr. D. Floyd Wopsock, Uintah & Ouray Business Committee Chairman
Mr. Elaine Willie, Ute Indian Tribe Environmental Coordinator
Mr. Carroll Estes, EPPC Sr. Environmental Specialist
Ms. Susan Sears, EPPC Sr. Production Engineer - Altamont
Mr. Bill McGaughey, EPPC Production Mgr - Altamont
Altamont Well File
Vernal Well File

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>UHE 1-1406 SWD</u>	API Number: <u>43-013-30056</u>
Qtr/Qtr: <u>SW/NE</u>	Section: <u>14</u>
Company Name: <u>EL PASO PRODUCTION</u>	Township: <u>3S</u>
Lease: State <u>El Paso</u>	Fee <u>X</u>
Inspector: <u>El Paso</u>	Date: <u>5-10-02</u>

Initial Conditions:

Tubing - Rate: _____ Pressure: 0 psiCasing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1050</u>	<u>0</u>
5	<u>1050</u>	<u>0</u>
10	<u>1050</u>	<u>0</u>
15	<u>1050</u>	<u>0</u>
20	<u>1050</u>	<u>0</u>
25	<u>1050</u>	<u>0</u>
30	<u>1050</u>	<u>0</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psiCasing/Tubing Annulus Pressure: 1050 psiCOMMENTS: Tested after working on replacing packer @
10:55 AMBarclay
Operator RepresentativeAccepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY



May 14, 2002

Mr. Al Craver
US Environmental Protection Agency
999 18th Street Suite 300
8ENF-T
Denver, CO 80202-2466

RE: Ute 1-14C6 SWD (EPA ID# UT2816-04352)
Loss of Mechanical Integrity

Dear Mr. Craver,

On May 10, 2002 El Paso Production Company completed a Mechanical Integrity Test on the Ute 1-14C6 SWD.

Enclosed are the following:

- Original MIT Chart and EPA MIT Form
- EPA Form 7520-12 Well Rework Form
- Chronological History of Well Rework
- Well Schematic
- Casing Caliper Log dated 5/2/02
- CBL/GR/CCL dated 5/2/02

Please contact myself or Carroll Estes (435-781-7009) with any questions or requests.

Sincerely,

A handwritten signature in cursive script that reads "Susan Sears".

Susan Sears
Sr. Production Engineer – Altamont
435-781-7033

cc: Mr. Gil Hunt, DOGM, State of Utah
Mr. D. Floyd Wopsock, Uintah & Ouray Business Committee Chairman
Mr. Elaine Willie, Ute Indian Tribe Environmental Coordinator
Mr. Carroll Estes, EPPC Sr. Environmental Specialist
Mr. Bill McGaughey, EPPC Production Mgr - Altamont
Altamont Well File
Vernal Well File

RECEIVED

MAY 17 2002

DIVISION OF
OIL, GAS AND MINING

United States Environmental Protection Agency
Washington, DC 20460



WELL REWORK RECORD

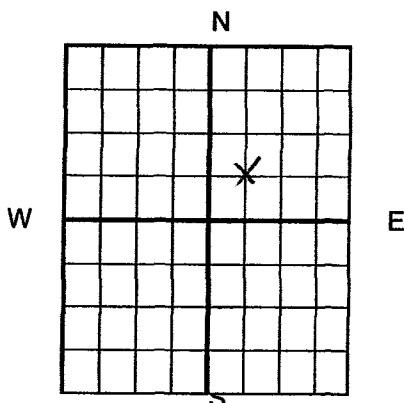
Name and Address of Permittee

El Paso Production Company
PO Box 120
Altamont, UT 84001

Name and Address of Contractor

El Paso Production Company
PO Box 120
Altamont, UT 84001

Locate Well and Outline Unit on
Section Plat - 640 Acres



State: Utah County: Duchesne Permit Number: UT 2816-04352

Surface Location Description
1/4-1/4 SW of 1/4-1/4 NE
Section: 14 Township: 3S Range: 6W

Locate well in two directions from nearest lines of qtr section and drilling unit
Surface

Location: 3341 ft ft. from (N/S) S Line of qtr section
and 2115 ft ft. from (E/W) E Line of qtr section

WELL ACTIVITY

- ☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbons

Total Depth
Before Rework: 2790 ft
Total depth after
rework: 2766 ft
Date Rework
Commenced: 4/24/2002
Date Rework
Completed: 5/9/2002

TYPE OF PERMIT

- ☒ Individual
☐ Area

No. of Wells: 1

Well Number:
Ute 1-14C6 SWD

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
13 3/8", 54.5#	600 ft	600 sks	Class G			
9 5/8", 40#	7825 ft	850 sks	Class G	2857 ft	3373 ft	Injection perforations
				2550 ft		squeeze holes
7", 26#	2790 ft	600 sks	Class G			
PBD-9 5/8" CICR set @ 4360 ft plus 10 sks cmt on top						

WELL CASING RECORD - AFTER REWORK (Indicated Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
13 3/8", 54.5#	600 ft	600 sks	Class G			
9 5/8", 40#	7825 ft	850 sks	Class G	2857 ft	3373 ft	Injection perforations
7", 26#	2766 ft	600 sks	Class G			
PBD-9 5/8" CICR set @ 4360 ft plus 10 sks cmt on top						

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

USE ADDITIONAL SHEETS IF NECESSARY	Log Types	Logged Intervals
Restore MIT on this well. See attached	Casing Caliper Log	2935 ft to surface
chronological history and well schematic.	Temperature Survey	2935 ft to surface
	Cement Bond Log	2935 ft to surface

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title:
Susan Sears, Sr Prod Eng

Signature

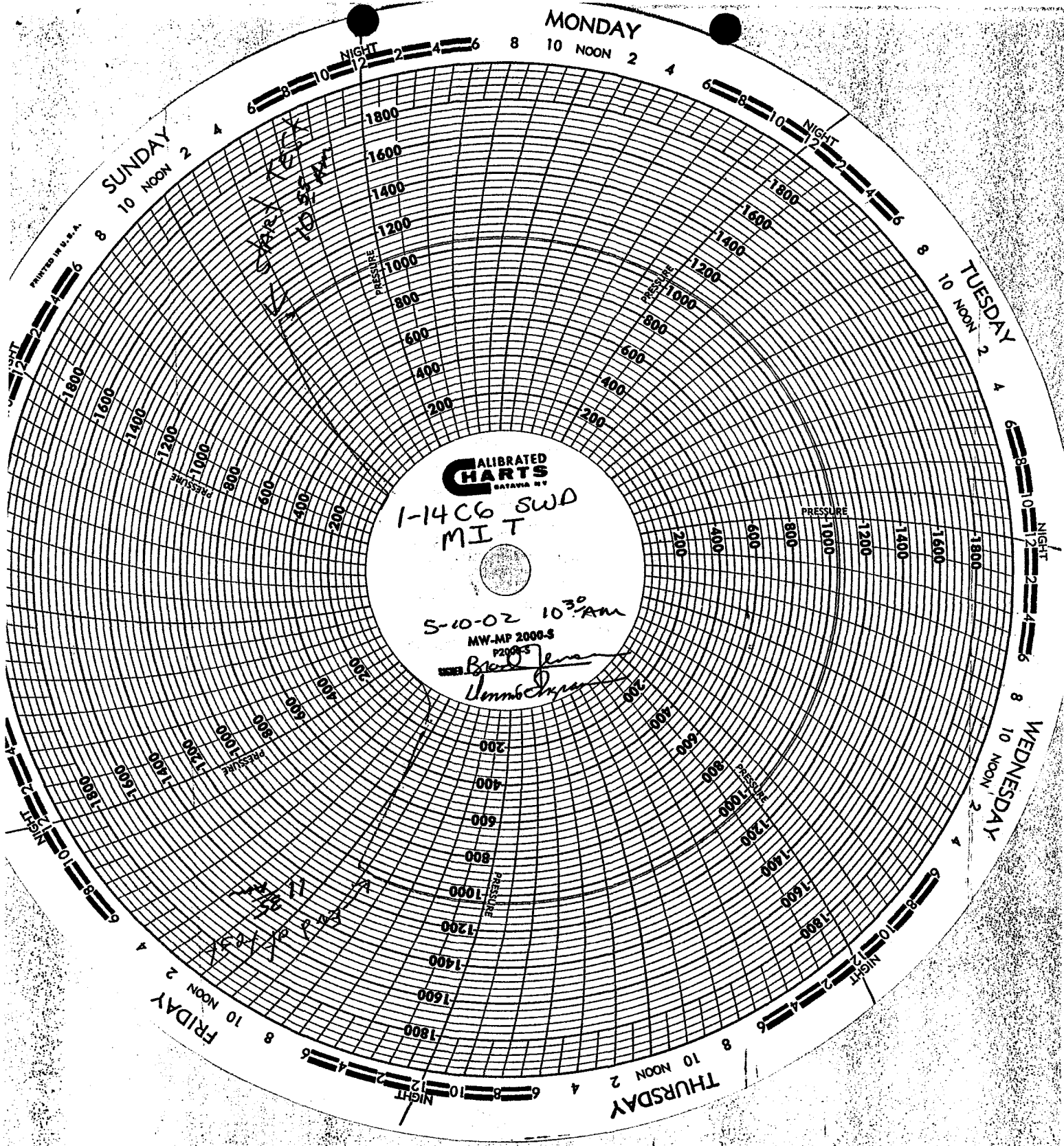
Susan Sears

Date Signed:

5/14/02

MAY 17 2002

DIVISION OF
OIL, GAS AND MINING



1-14C6 SWD
MIT

S-10-02 10:30 AM

MW-MP 2000-S

SEEN *Brother*
Donna Chapman

CALIBRATED
HARTS
BATAVIA NY

PRINTED IN U.S.A.

DATE: 05/08/02
FOREMAN: Brad Burman

WELL: UTE 1-14C6 SWD
FIELD: Altamont / Bluebell

COUNTY: Duchesne SEC: 14
STATE: Utah TWS: 3S
QTR/QTR: 6W
SWNE

KB 5878'
GL 5856'
KB Diff 22 ft

Tbg Hanger 0.55'

13 3/8" SURF CSG

7", 26# LINER SURF TO 2766'
DV TOOL @ 2758'
7" x 9 5/8" 440 CSG PKR @ 2761'

9 5/8", 40# PROD CSG

2 7/8" DUO-LINE TBG
87 JTS.

ON-OFF TOOL
7" BAKER "FH" PKR
2-3/8" J-55 8RD TBG SUB
R-NIPPLE 2-3/8"X1.81

PERF'S F/ 2857' TO 3373'

LAST PBDT TAG @ 4290' (5/18/99)
9 5/8" CIBP @ 4360'

140 SKS CLASS "H" CMT

2 SKS CMT
9 5/8" CIBP @ 6400'

CMT PLUG @ 7245 to 7483 ft
7" LINER TOP @ 7333'
9 5/8" CSG @ 7825'

2 SKS CMT
7" CIBP @ 9550 ft

7" LINER @ 10622 ft

RIG No. PENNANT WELL SVC. #26
(BRIAN SWENSON)
AFE PEND. RESTORE M.I.T.

CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
13 3/8"	54.5#	K55	ST&C	SURF	600'
9 5/8"	40#	S95 & N80	LT&C	SURF	7825'
7"	26, 29, 32#	N80	LT&C	7333	10622
7"	26#	N80	?	SURF	1334
7"	26#	S95	?	1334	2766

9 5/8" csg patch @ 652 ft; sqz holes @ 654 & 657 ft, not cmtd
9 5/8" sqz holes @ 2250 ft; cmtd w/ 300sks RFC & 300 sks Class G

TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2 7/8"	6.5#	J-55	8RD	SURF	2762'

JTS

87

NALCO PKR FLUID: 5-GAL 6106A BIOCID.
18 GAL EC 1385A CORR. INHIB. MXD W/ 83 BBLs F.W.

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF	Holes
Uintah	2857	3116	3	222
Uintah	3147	3373	3	218

COMMENTS/PERFORATIONS:

CHECK FOR CSG LEAK. FOUND NO CSG LEAKS. RE-DOPE
ALL PINS ON TBG. INSTALL NEW SEAL RING'S @ BROKEN CONNECTIONS.
7" LINER SHOWED @ 2790', ACTUAL WAS 2766' W/ WIRELINE & TBG
TALLY. ALSO A KB CORRECTION FROM 20' TO 22'

WELL DESCRIPTION	TOTAL
K.B.	22'
COMPRESSION	-0.75'
FMC TBG HANGER	0.55'
87 JTS 2 7/8" DUO-COTE TBG	2700.01
ON-OFF TOOL	1.85
7" BAKER FH PKR	6.88
2-3/8" J-55 8RD COATED SUB	6.1
R-NIPPLE 2-3/8"X 1.81	0.78
	2737.41

MIRU 4/26/02 P.O.O.H. W/ TBG & WTRD BHA. RUN TRCR/SURVEY LOG
FROM SURF-2750'. RUN MULTI-CALIPER LOG & CBL, GAMMA RAY &
CSG COLLAR LOCATOR LOG. RIH W/ MECH. CSG COLLAR
LOCATOR IN 7" CSG. COLLAR LOCATOR & TBG TALLY MATCHED GOOD.
SWAB ON WELL, NO FLUID ENTRY OR PSI GAIN. RIH W/ BAKER 7" PKR
& B.H.A. P.T. CSG TO 1625 PSI FOR 1 HR. HELD GOOD ON CHART.
RDMO 5/8/02

TOP OF PKR @ 2723.7'
BTM OF PKR @ 2730.5'
R-NIPPLE @ 2736.64'
EOT @ 2737.42'

BOPs 6" X 5000 psi

Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, SWM-DW
999 19th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: _____

Date 5/10/02Time 10⁵⁵

(am/pm)

Test conducted by: BRAD JENSENOthers present: DENNIS INGRAMWell: Ute 1-1466 SWDWell ID: UT 2816-04352Field: Altamont pinobellCompany: El Paso Production CoWell Location: SWNE Sec. 14-T3S-R6WAddress: 1368 S1200 E
Vernal, UT 84078

Time	Test #1	Test #2	Test #3
0 min	1050 psig	psig	psig
5	1050		
10	1050		
15	1050		
20	1050		
25	1050		
30 min	1050		
35	1050		
40	1050		
45			
50			
55			
60 min			
Tubing press	0# psig	psig	psig

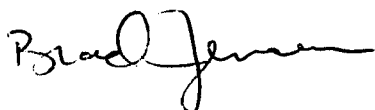
Result (circle) Pass FailPass Fail

Pass Fail

Signature of EPA Witness: _____

See back of page for any additional comments & compliance followup.

This is the front side of two sides




State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Oil and Gas Program
Roosevelt Field Office
30 West 425 South (330-11)
Roosevelt, Utah 84066-3703
435-722-3417 / 435-722-7584 (Cellular)
nrogn.dingram@state.ut.us

Dennis Ingram
Petroleum Operations Specialist

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
El Paso Production Oil & Gas Company

3a. Address
P.O. Box 1148 Vernal, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNE Section 14-T3S-R6W 1939'FNL & 2115'FEL

5. Lease Serial No.

14-20-H62-3809

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

Ute #1-14C6

9. API Well No.

43-04-30056

10. Field and Pool, or Exploratory Area

Cedar Rim

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other 7" Depth
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Correction 5/9/02
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

The well was converted to a water injection well May 1999. Rig reports show the 7" casing liner was set @2790 ft back to surface. The casing packer was set between 2785 to 2790 ft and cemented through a DV tool @2782 to 2785 ft. From May 1999 to April 2002, the injection packer was set at 2762 ft with the packer elements at 2766 ft.

During operations to restore mechanical integrity on the well El Paso ran a casing collar locator (CCL) strip to accurately position a RBP on April 29, 2002. The RBP was used to plug the 7" casing while pressure testing the 7" casing.

The CCL indicated that the 7" casing was set at 2766 ft KB on May 3, 2002, El Paso ran a casing caliper log to validate the 7" casing packer bottom and location of the DV tool. The DV tool is located from 2758 to 2761 ft and the packer is from 2761 tp 2766 ft.

A copy of the current schematic, a chronological history of work done to restore mechanical integrity from April 25 to May 9, 2002 and a copy of the casing caliper log are attached.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Title

Regulatory Analyst

Date

May 14, 2002

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

MAY 21 2002

DIVISION OF
OIL, GAS AND MINING

DATE: 05/08/02
FOREMAN: Brad Burman

WELL: UTE 1-14C6 SWD
FIELD: Altamont / Bluebell

COUNTY: Duchesne SEC: 14
TWS: 3S
STATE: Utah RGE: 6W
QTR/QTR: SWNE

KB 5878'
GL 5856'
KB DIFF 22 ft
Tbg Hanger 0.55'

13 3/8" SURF CSG

7" 26# LINER SURF TO 2766'
DV TOOL @ 2758'
7" x 9 5/8" 440 CSG PKR @ 2761'

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87 JTS.

ON-OFF TOOL
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R-NIPPLE 2-3/8" X 1.81

PERF'S F/ 2857' TO 3373'

LAST PBDT TAG @ 4290' (5/18/99)
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140 SKS CLASS "H" CMT

2 SKS CMT
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CMT PLUG @ 7245 to 7483 ft
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RIG No. PENNANT WELL SVC. #26
(BRIAN SWENSON)
AFE PEND. RESTORE M.I.T.

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9 5/8" csg patch @ 652 ft; sqz holes @ 654 & 657 ft, not cmt'd
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TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
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JTS

87

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18 GAL EC 1385A CORR. INHIB. MXD W/ 83 BBLs F.W.

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CSG COLLAR LOCATOR LOG. RIH W/ MECH. CSG COLLAR
LOCATOR IN 7" CSG. COLLAR LOCATOR & TBG TALLY MATCHED GOOD.
SWAB ON WELL, NO FLUID ENTRY OR PSI GAIN. RIH W/ BAKER 7" PKR
& B.H.A. P.T. CSG TO 1625 PSI FOR 1 HR. HELD GOOD ON CHART.
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TOP OF PKR @ 2723.7'
BTM OF PKR @ 2730.5'
R-NIPPLE @ 2736.64'
EOT @ 2737.42'

BOPs 6" X 5000 psi



EL PASO PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

UTE 1-14C6 SWD
SWNE Sec 14-T3S-R6W
ALTAMONT/BLUEBELL FIELD
DUCHESE COUNTY, UTAH

- 04/25/02 MIRU WLS. RIH W/ BAKER "F" PLG, SET @ 2753.93'. PT TBG TO 1310# FOR 1 HR, LOST 15#. PT CSG TO 1380# FOR 1 HR, NO PSI LOSS. POOH W/ PLG. PREP WELL FOR FLOW BACK IN AM.
- 04/30/02 MIRU WORKOVER RIG. NDWH, RLS 7" PACKER, NUBOP. POOH, STANDING BACK 2 7/8" DUO-COTE TBG. MIRU WLS, RUN CCL STRIP OF 7" CSG. RIH W/ 7" WEATHERFORD RBP & SET @ 2740'. POOH W/ WL. RIH W/ SAND BAILER, DUMP 2 SX SAND ON TOP OF RBP, POOH W/ WL, RDMO WLS. PSI TST CSG TO 1000 PSI, LOST 20 PSI IN 15 MIN. TEMP CHANGE IN WATER, LEAVE WELL OPEN TO TANK, SDFD. NOTE: WHEN RIH W/ CCL & TIE IN TO 9 5/8" COLLARS, BOTTOM OF 7" APPEARS TO BE @ 2762' WHICH IS 38' HIGHER THAN RIG REPORT.
- 5/1/02 RIG ON STANDBY. WELL OPEN TO TANK, 48 HR FLOW TEST TO ALLOW THE WELL TEMP & FLOW TO STABILIZE. WELL NOT FLOWING @ 3PM.
- 5/2/02 WELL NOT FLOWING. MIRU WLS. RUN TEMP & TRACER LOG FROM SURF TO 2750'. WHILE LOGGING OUT OF HOLE, INJECT RA TRACER @ FOLLOWING DEPTHS: 2732, 2347, 2062, 1949, 1837, 1491, 952 & 489'. SHOWED NO MOVEMENT OF TRACE MATERIAL UP OR DOWN HOLE. IDENTIFY A TEMP ANOMALY @ 2090'. DECIDED TO RUN ACOUSTIC TOOL. RIH W/ TEMP SURVEY & ACOUSTIC TOOLS. DID ANOTHER TEMP SURVEY WHILE RIH. RAN ACOUSTIC SURVEY @ REGULAR INTERVALS WHILE POOH. IDENTIFIED A UNIQUE SOUND @ A COLLAR @ 197'. BLEW DN 9 5/8" X 7" ANNULUS WHILE LOGGING & SOUND REMAINED THE SAME. RDMO WLS. LEAVE WELL OPEN TO TANK.
- 5/3/02 RIH W/ 2 7/8" DUO-COTE TBG. CIRC SAND OFF TOP OF 7" RBP @ 2750'. LATCH ONTO 7" RBP. POOH & STANDING BACK 2 7/8" TBG (SLM), LD RBP. MIRU WLS. RUN A MULTI-ARM CALIPER LOG. CALIBRATED W/ 9 5/8" CSG COLLARS. 7" CSG BTM DEPTH @ 2766'. RIH W/ CBL, GR & CCL IN 9 5/8" CSG. RDMO WLS. SWI-SDFD.
- 5/4/02 OPEN WELL TO TANK. WAIT ON 2 7/8" WORK STRING & MECH COLLAR LOCATOR. RIH W/ 7" MECHANICAL CSG COLLAR LOCATOR, 1 JT & SN. PU TALLY & DRIFT TBG OFF FLOAT. COUNTED (65) 7" COLLARS, CSG COLLAR #65 PUTS TBG TALLY @ 2737'. SUBTRACT 21' WIRELINE CORRECTION-PUTS LOCATOR @ 2716' @ A CSG COLLAR. POOH W/ TBG & 7" MECH COLLAR LOCATOR. LD COLLAR LOCATOR. RIH W/ 7" RBP, 1 JT, +45 SN & 85 JTS 2 7/8" TBG. SET RBP @ 2750'. EOT @ 2723', SN @ 2689'. FILL CSG W/ 2 BBLS. PRESS TEST CSG TO 2000 PSI, 5 MIN=2000#, 10 MIN-2000#, 15 MIN=1950#. BLEED PSI OFF. RU SWAB EQUIP. SWAB ON WELL. IFL @ SURFACE. MADE 14 RUNS, RECOVERED 82 BBLS. FFL @ 2250'. WHP=0 PSI. SWI. SDFWE.
- 5/7/02 SI WHP=0 PSI. RIH W/ SWAB EQUIP. TAG FLUID @ 2250', SAME AS FFL ON LAST FRIDAY. LATCH ON & RELEASE 7" RBP @ 2750'. POOH, LAYING DN WORK STRING ON FLOAT. LD 7" RBP. PREP TO RUN BAKER PKR & DUO-COTE TBG IN AM. SDFD. LEAVE WELL OPEN TO TANK.
- 5/8/02 PU 2 3/8" R-NIPPLE (1.81" ID), 2 3/8" J-55 8RD 6 FT TBG SUB, 7" BAKER "FH" PKR, ON-OFF TOOL W/ F-NIPPLE (1.87"). RIH BHA ON 87 JTS 2 7/8" J-55 DUO-LINE TBG. 1 JT LD (NOT USED). REPLACED ALL SEALS @ BROKEN CONNECTIONS. MIX & PMP PKR FLUID W/ 83 BBLS F.W. DN CSG @ 65 DEG. (PKR FLUID IS 5 GAL 6106A BIOCIDIC & 18 GAL EC1385A CI F/ NALCO). MIRU WLS. RIH W/ STANDING VALVE TO R-NIPPLE @ 2737'. SET VALVE. POOH W/ WL. RU HOT OILER TO TBG. SET BAKER 7" PKR @ 2724' W/ 1500 PSI, WENT TO 2500 PSI. LAND TBG ON HNDR W/ 12000# COMPRESSION. NUBOP. NUWH. RIH W/ WL. RETRIEVE STANDING VALVE @ 2737'. POOH W/ WL & STANDING VALVE. RDMO WLS. RU HOT OILER TO CSG. PRESSURE TEST TO 1500 PSI, 0 PSI LOSS IN 30 MINUTES. BLEED PSI OFF. SWI-SDFD. TOO WINDY TO RIG DOWN.
- 5/9/02 MIRU HOT OILER. PT CSG TO 1625 PSI. HELD FOR 1 HR W/ 0 PSI LOSS. RECORDED ON CHART. BLEED WELL OFF. SWI. RDMO HOT OILER. RDMO WORKOVER UNIT. TURN WELL OVER TO PROD. WAITING ON EPA APPROVAL TO START INJECTION.

May 9, 2002

Mr. Al Craver
US Environmental Protection Agency
999 18th Street Suite 300
8ENF-T
Denver, CO 80202-2466.

SUBJECT:
Ute 1-14C6 SWD 43-013-30056
(EPA ID# UT2816-04352)
Loss of Mechanical Integrity

COPY

RECEIVED

JAN 21 2003

DIV. OF OIL, GAS & MINING

Dear Mr. Craver,

On April 23, 2002, El Paso Production Company recognized a loss of mechanical integrity on our Ute 1-14C6 SWD. We immediately stopped injection, shut in the well, and notified US EPA.

After the well was shut in, work procedures began to identify and correct the source of pressure on the tubing-casing annulus.

HISTORY:

In May 1999, during the initial conversion of this well to a water disposal well from a producing oil well, rig reports show the 7" casing was set @ 2790 ft KB. The casing packer was set between 2785'-2790' and cemented through a DV tool 2782-2785'.

From May 1999 through April 2002, the injection packer has been set with elements at 2766'. The top and bottom of the packer was between 2762'-2769'.

RESTORATION OF MECHANICAL INTEGRITY

On April 29, 2002, El Paso ran a Casing Collar Locator (CCL) strip to accurately position a bridge plug which would plug the 7" casing and be used to pressure test the 7" casing. The CCL indicated that the 7" was in fact located at 2766'. On May 3, El Paso ran a casing caliper log to validate the depth of the 7" casing shoe, the location of the DV tool and the integrity of the entire 7" casing string. The DV tool was found to be located from 2758'-2761'.

It is thought that the DV tool was the reason for the mechanical integrity failure. To confirm this theory, a bridge plug was run on May 3, 2002, and set at 2750'. The 7" casing was then pressure tested to 2000 psi and found to hold. The 7" was then swabbed down to a fluid level of 2250' and allowed to set over the weekend at 0 psi as a negative

pressure test. The fluid level was found at 2250' with zero pressure on Monday, May 6. This work confirmed the pressure integrity of the 7" casing string.

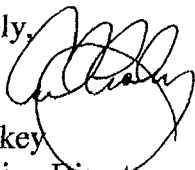
CURRENT STATUS

The water injection packer has been run and set between 2724'-2730'. This work was discussed verbally by telephone with Mr. Al Craver of United States EPA on May 9, 2002. The well is shut in currently pending EPA witness and approval of this Mechanical Integrity Test and subsequent written permission of our ability to resume injection.

On April 24, US EPA issued a Notice of Violation for the lost mechanical integrity. El Paso Production Company takes such NOV's VERY SERIOUSLY and strives to operate its business in such a way as to ensure compliance. In this particular instance, El Paso identified the loss of Mechanical Integrity through our routine daily surveillance. We shut in the well without being asked by EPA, and we immediately notified United States EPA of the loss of mechanical integrity. El Paso feels that it acted as a prudent operator in this situation. Given these facts, why did EPA find it necessary to issue a Notice of Violation?

Please contact myself, Carroll Estes (435-781-7009) or Susan Sears (435-781-7033) with any questions or requests.

Sincerely,



Carl Lakey
Production Director
El Paso Production Oil & Gas Co.
435-781-7001

cc: Mr. Gil Hunt, DOGM, State of Utah
Mr. D. Floyd Wopsock, Uintah & Ouray Business Committee Chairman
Mr. Elaine Willie, Ute Indian Tribe Environmental Coordinator
Mr. Carroll Estes, EPPC Sr. Environmental Specialist
Ms. Susan Sears, EPPC Sr. Production Engineer - Altamont
Mr. Bill McGaughey, EPPC Production Mgr - Altamont
Altamont Well File
Vernal Well File

WELL DATA

WELL SEARCH

WELL DATA

WELL HISTORY

WELL ACTIVITY

WELL NAME **UTE 1-14C6** API NUMBER **4301330056** WELL TYPE **WD** WELL STATUS **A**
 OPERATOR **EL PASO PROD OIL & GAS CO** ACCT & ALT FLAG **N1845** # DESIGNATED OPER ACCT
 FIELD NAME **ALTAMONT** FIELD NUMBER **55** FIRST PRODUCTION **5 29 1971** LA | PA DATE

WELL LOCATION:

SURF LOCATION **1939 FNL 2115 FEL**
 Q. S. T. R. M. **SWNE 14 03.0 S 06.0 W U**
 COUNTY **DUCHESNE**

UTM Coordinates:

SURFACE - N **4452257.00** BHL - N
 SURFACE - E **540173.00** BHL - E

LATITUDE **40.22167**
 LONGITUDE **-110.52790**

CONFIDENTIAL FLAG

CONFIDENTIAL DATE

DIRECTIONAL | HORIZONTAL

HORIZONTAL LATERALS

ORIGINAL FIELD TYPE **D**

WILDCAT TAX FLAG

CB-METHANE FLAG

ELEVATION **5893 KB**

BOND NUMBER

BOND TYPE

LEASE NUMBER **14-20-H62-3809**

MINERAL LEASE TYPE **2**

SURFACE OWNER TYPE **4**

INDIAN TRIBE

C.A. NUMBER

UNIT NAME

CUMULATIVE PRODUCTION:

OIL **225869**

GAS **480743**

WATER **100794**

COMMENTS

970828 APRV REENTRY;FEE BOND WILL COVER WELL:980421 ENTITY ADDED:20000209 WELL NM FR UTE TRIBAL
 D-1/APRV REENTRY 8/97:010621 OP FR N0230 EFF 3-9-01:

Create New Rec

Save

Cancel Change

To History

To Activity

Print Recd

Export Recd



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

Change of Operator (Well Sold)

X Operator Name Change

The operator of the well(s) listed below has changed, effective:

7/1/2006

FROM: (Old Operator):

N1845-El Paso Production O&G Company
1001 Louisiana Street
Houston, TX 77002

Phone: 1 (713) 420-2300

TO: (New Operator):

N3065-El Paso E&P Company, LP
1001 Louisiana Street
Houston, TX 77002

Phone: 1 (713) 420-2131

CA No.

Unit:

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
5. If **NO**, the operator was contacted on: _____
- 6a. (R649-9-2) Waste Management Plan has been received on: _____ requested 7/18/06
- 6b. Inspections of LA PA state/fee well sites complete on: ok
- 6c. Reports current for Production/Disposition & Sundries on: _____
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 7/19/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
3. Bond information entered in RBDMS on: 7/19/2006
4. Fee/State wells attached to bond in RBDMS on: 7/19/2006
5. Injection Projects to new operator in RBDMS on: 7/19/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved
- The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
EL PASO PRODUCTION OIL AND GAS COMPANY *N1845*

3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113 PHONE NUMBER: (505) 344-9380

4. LOCATION OF WELL
FOOTAGES AT SURFACE: SEE ATTACHED

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:
MULTIPLE LEASES

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
SEE ATTACHED

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:
SEE ATTACHED

COUNTY: UINTAH & DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30,~~ *July 1,* 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. *N3065*
1001 Louisiana
Houston, TX 77002

William M. Griffin
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) CHERYL CAMERON

TITLE AUTHORIZED REGULATORY AGENT

SIGNATURE *Cheryl Cameron*

DATE 6/20/2006

(This space for State use only)

APPROVED *7/19/06*

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED
JUL 05 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5


TRANSFER OF AUTHORITY TO INJECT

Well Name and Number UTE 1-14C6	API Number 4301330051
Location of Well Footage : 1939' FNL, 2115' FEL County : DUCHESNE QQ, Section, Township, Range: SWNE 14 2S 4W State : UTAH	Field or Unit Name ALTAMONT/BLUEBELL Lease Designation and Number 14-20-H62-3809

EFFECTIVE DATE OF TRANSFER: 6/30/2006


CURRENT OPERATOR

Company: EL PASO PRODUCTION OIL & GAS COMPANY
Address: 1339 EL SEGUNDO AVE NE
city ALBUQUERQUE state NM zip 87113
Phone: (505) 344-9280
Comments:

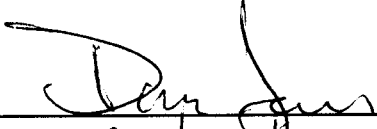
Name: CHERYL CAMERON
Signature: 
Title: REGULATORY ANALYST
Date: 6/6/2006

NEW OPERATOR

Company: EL PASO E&P COMPANY, L.P.
Address: 1339 EL SEGUNDO AVE NE
city ALBUQUERQUE state NM zip 87113
Phone: (505) 344-9380
Comments:

Name: CHERYL CAMERON
Signature: 
Title: REGULATORY ANALYST
Date: 6/6/2006

(This space for State use only)

Transfer approved by: 
Title: Geologist

Approval Date: 7/14/06

Comments:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2012

FROM: (Old Operator): N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038	TO: (New Operator): N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038
--	---

CA No.				Unit:		N/A		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: _____ Business Number: 2114377-0181
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/12/2012

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/24/2102
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/24/2012
- Bond information entered in RBDMS on: 9/24/2012
- Fee/State wells attached to bond in RBDMS on: 9/24/2012
- Injection Projects to new operator in RBDMS on: 9/24/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 9/24/2012

COMMENTS:

Well Name	Sec	TWP	RNG	API Number	Enity Number	Lease	Well Tyoe	Well Status
UTE 1-14C6	14	030S	060W	4301330056	12354	Indian	WD	A
UTE TRIBAL 1-A	18	030S	060W	4301315122	99990	Fee	WD	A
LAKE FORK 2-23B4	23	020S	040W	4301330038	1970	Fee	WD	A
TEW 1-9B5	09	020S	050W	4301330121	1675	Fee	WD	A
RHOADES MOON 1-36B5	36	020S	050W	4301330289	4765	Fee	WD	A
G HANSON 2-4B3 SWD	04	020S	030W	4301330337	99990	Fee	WD	A
LDS CHURCH 2-27B5	27	020S	050W	4301330340	99990	Fee	WD	A
LINDSAY RUSSELL 2-32B4	32	020S	040W	4301330371	99996	Fee	WD	A
EHRICH 2-11B5	11	020S	050W	4301330391	99990	Fee	WD	A
LAWSON 1-21A1	21	010S	010W	4301330738	935	Fee	WI	A
DAVIS 1-33A1E	33	010S	010E	4304730384	805	Fee	WD	A
ALLRED 2-16A3	16	010S	030W	4301330361	99996	Fee	WD	I
BIRCH 2-35A5	35	010S	050W	4301330362	99996	Fee	WD	I

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

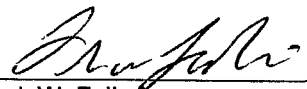
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases
2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 997-5038		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT: See Attached
		COUNTY:
		STATE: UTAH

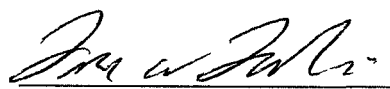
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Change of Name/Operator
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.


Frank W. Falleri
Vice President
El Paso E&P Company, L.P.

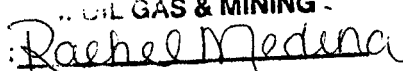

Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez	TITLE Principal Regulatory Analyst
SIGNATURE 	DATE 6/22/2012

(This space for State use only)

APPROVED

SEP 24 2012

.. OIL GAS & MINING -


(5/2000)

(See Instructions on Reverse Side)

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JUN 25 2012

DIV OF OIL GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Ute 1-14C6	API Number 4301330056
Location of Well Footage : 1939'FNL & 2115' FEL County : Duchesne QQ, Section, Township, Range: SWNE 14 3S 6W State : UTAH	Field or Unit Name Altamont/Bluebell Lease Designation and Number 14-20-H62-3809

EFFECTIVE DATE OF TRANSFER: 6/1/2012

CURRENT OPERATOR

Company: El Paso E&P Company, L.P.
Address: 1001 Louisiana
city Houston state TX zip 77002
Phone: (713) 997-5038
Comments:

Name: Maria S. Gomez
Signature: *Maria S. Gomez*
Title: Principal Regulatory Analyst
Date: 9/11/2012

NEW OPERATOR

Company: EP Energy E&P Company, L.P.
Address: 1001 Louisiana
city Houston state TX zip 77002
Phone: (713) 997-5038
Comments:

Name: Maria S. Gomez
Signature: *Maria S. Gomez*
Title: Principal Regulatory Analyst
Date: 9/11/2012

(This space for State use only)

Transfer approved by: *[Signature]*
Title: *UIC Geologist*

Approval Date: 9/19/2012

Comments:

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DIV. OF OIL, GAS & MINING